

Chemical Week

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McGRAW-HILL, INC.
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Second-quarter profits run high, but gains are distorted by inflation	Aug	21	26	Lurgi (Frankfurt) proves methanation step for fixed-bed process	N	Aug	7	24	American Can's study on container costs and cuts in energy use	Nov	20	22				
Third-quarter paradox: CPI earnings advance while GNP retreats	Nov	20	36	Montana strip-mined coal shipped to Japan draws protests from the governors of Mont. and N.D.	N	Oct	9	10	Resins are ready to bottle up beverage market; Belgium's Sovay to introduce polyacrylonitrile barrier resin in beer bottles	Sept	11	37				
Energy and the product mix, Rivoire & Winton (table)	Nov	27	29	National Petroleum Council reports there's enough water to support development of coal and shale oil in Western states	N	Nov	13	39	Solid-waste disposal bills could have far-reaching effect on packaging	July	31	13				
Energy policy: off in all directions, Irvin Schwartz (charts & table)	Aug	14	53	Natural gas shortages are forcing plants to switch to fuel oil and coal for boilers (tables)	N	Sept	18	19	Waterborne interior coating, Environ 1776, will debut in beer and soft-drink cans	Sept	11	36				
French CPI growth rate takes on Mideast flavor, Albert H. Kislin	Oct	30	21	Outlook brightens	N	Nov	6	19	Controls — Beckman Instruments' new instrument line designed specifically for chemical plants and refineries	Aug	21	39				
Mideast pulls chemical crowd, John M. Winton (tables)	July	24	31	Pilot plant to study the use of coal to power steam and gas turbines proposed	N	Oct	30	31	Cook, Carol — Luzier Cosmetics' president: Direct selling led her directly to top	Oct	2	32				
letter	Oct	2	5	Plant sites 1975 report, John M. Winton: How industrial power costs, charges for coal, oil and gas, and reserves compare (table)	N	Oct	23	48	Copper							
A new ball game for multinationals in the offing, Gibson & Price	Dec	18	29	Power capacity and reserves (map & table)	N	Oct	23	52	Anaconda agrees to settle claims against Chile	July	31	9				
Plant sites 1975: Social concerns are complicating the choosing, John M. Winton (charts, tables, maps)	Oct	23	33	Portland General Electric acquires more than 45,000 acres in coal prospecting permits	R	Dec	4	19	Anaconda reaches tentative agreement with eight labor unions on new contracts	July	3	9				
They're making solid effort to get clean coal liquids, Donald P. Burke (flowcharts)	Sept	11	38	South Africa banks on coal for chemical buildup (map)	N	Sept	25	33	Anaconda's copper mining and concentrating complex in Utah	Sept	18	24				
Will there be enough steroids? Norman Applezweig	July	10	31	Coatings					Anaconda's Canada will discontinue operation of Britannia Beach, B.C. mine and concentrator	R	Oct	16	24			
Winds of change give atom energy plants big push, Albert H. Kislin (chart & table)	Aug	28	20	Conchelco will close its Detroit plant, transferring coil and electrodeposition coatings to Kansas City and Baltimore plants	R	Oct	23	28	Kennecott and EPA wrangle over new copper smelting process	Aug	28	30				
China — Fertilizer imports from Japan: cost will double in the next 5 months	N	Sept	11	45	Continental Can's ultraviolet curing of can coatings: expansion can be jeopardized by compliance dates of Clean Air Act	Cct	2	36	Kennecott strike ending	July	24	14				
Chlor-Alkali	Dow plans for chlor-alkali plant in Japan faces opposition	N	Sept	July	24	14	Japanese powder coatings plant planned	R	Dec	18	27	Phelps Dodge will close Lavender Pit copper mine and concentrator at Bisbee, Ariz.	R	Dec	11	15
PPG to double capacity of Lake Charles, La., plant	N	Aug	14	Multicolor paint is ready to enter new markets	N	Oct	9	45	Prices	N	Oct	23	67			
Prices	N	Sept	4	Nonsolvent urethane for coating fabrics	N	Nov	27	35	Shipments: four copper-producing nations trim shipments	N	Nov	27	20			
Chlorides — Thionyl chloride plant planned by Moberg at New Martinsville, W. Va.	N	Aug	14	Oligomers for polished and coatings	N	Dec	18	22	Cosmetics							
Chlorine	EPA asks chlorine "priority" for water, sewage treatment units	N	July	Polyester-coated guardrails installed by Texas Highway Dept. at Houston interchange	N	Aug	7	37	Chemical Week 300 — report (tables)	Aug	21-28					
Germany: Dow gets go-ahead for Staude expansion	N	July	3	PE emulsions are picking up support as regulations, costs and rising insurance rates hit solvent-based system	N	Dec	11	37	FDA to study cosmetic and toiletry related injuries	Nov	20	38				
K.A. Steel's ferric chloride plant due on-stream this week	R	Dec	21	Process that can pretreat and coat steel in a single step	N	Dec	18	40	FDA's "cosmetic product experience" reports results of the first tabulation of complaints	Sept	25	23				
Penwall's Tacoma, Wash. chlorine-caustic plant will replace Gibbs diaphragm cells with Glanor electrolyzers	N	Aug	4	Tenneco Chemicals' coatings and plastics colorants — new plants and expansion	N	Nov	13	9	Germicides: FDA monograph on topical antimicrobial agents proposing strict limitations of those chemicals in proprietary medical and cosmetic items	Dec	11	27				
Peru-Bolivia projects may materialize	N	Aug	28	Urethane coating primed for attack on graft-fil: producers are penetrating mass-transit market with durable, easy-to-clean surface materials	N	Sept	25	26	Cots							
Plans for increased capacity take shape	N	July	25	Waterborne interior coating, Environ 1776, will debut in beer and soft-drink cans	N	Sept	11	36	American Can's study on container costs and cuts in energy use	Nov	20	22				
Plants' latest designs in diaphragms, anodes trim power use 10-15%	N	Nov	14	PEI emulsions are picking up support as regulations, costs and rising insurance rates hit solvent-based system	N	Dec	11	37	Cyanamid's committees develop conservation ideas, get workers interested by showing that management is concerned about energy costs	Dec	4	40				
Prices N Sept 4-17	N	Oct	53	Process that can pretreat and coat steel in a single step	N	Dec	18	40	Fuel cost survey of utilities by Atomic Industrial Forum	Nov	6	35				
Chlorofluoromethanes	Aerosol spray propellants in the atmosphere can lead to skin cancer	N	Sept	Tenneco Chemicals' coatings and plastics colorants — new plants and expansion	N	Nov	13	9	Industrial Energy Users Assn.: Industrial power consumers band together to fight rate hikes	N	Nov	6	13			
Univ. of Calif. researchers say chlorofluoromethanes will reduce the stratospheric ozone layer that protects the earth from solar ultraviolet radiation	N	July	18	Colors — Artist's supplies: Chemicals add new luster to paintings, sculptures	N	Dec	18	42	Joint municipal-industrial treatment costs will be high; EPA considers tailoring standards to individual plants	Oct	9	27				
Cholesterol — Contraceptive steroids from cholesterol: Japanese process may go commercial	N	Aug	28	Coke					Maintenance costs set new records (table)	July	3	23				
Cigarettes — ICI will test market synthetic tobacco cigarettes containing NSM	N	Aug	31	Blast furnace coke plants using new process will be built in Japan and "other parts of the world" technique will be tested in Bethlehem's Sparrows Point, Md. plant	N	Aug	14	66	North Sea oil production costs are expected to burgeon to \$15 billion by '80	Sept	9	27				
Citric Acid — Miles Labs plans plant in Dayton, O.	N	July	51	Chemical Week 300 — report (tables)	N	Nov	20	41	Plant sites 1975 report: John M. Winton: Capital requirements for water treatment (table)	Dec	11	13				
Cleaners	Chemical Week 300 — report (tables) Aug 21-26	N	July	Colombia — Andean group petrochemical plan set to go	N	July	24	14	Key labor cost data for all 50 states	Oct	23	38				
Naico's additive, TMS, extends the life of automotive antifreeze Oct 16-27	N	Nov	20	Colors — Coal-derived fossil resins	Oct	9	46	Shipping costs (charts & table)	Oct	23	45					
Oven cleaner, noncaustic aerosol	N	July	35	Tenneco Chemicals' coatings and plastics colorants — new plants and expansion	N	Nov	13	9	Pollution control costs: Commerce Dept. reports on expenditures	Nov	27	43				
Production survey released at CSMA meeting	N	July	29	Colors — Colors — Artist's supplies: Chemicals add new luster to paintings, sculptures	N	Dec	18	42	Cotton							
Urethane coating primed for attack on graft-fil: producers are penetrating mass-transit market with durable, easy-to-clean surface materials	N	Dec	11	PEI emulsions are picking up support as regulations, costs and rising insurance rates hit solvent-based system	N	Dec	11	37	Cotton Inc. process uses dilute sulfuric acid to remove linters from cotton seeds	July	24	28				
Cleaning — UC acquires patent rights and equipment of Klean-Kote process for cleaning pipelines by internal sand blasting	N	Sept	25	Chemical Week 300 — report (tables) Aug 21-26	N	Nov	20	41	Monomer grafting will prove a cheaper route to nonflammable cotton	July	17	29				
Coal	Blast furnace coke plants using new process will be built in Japan and "other parts of the world" technique will be tested in Bethlehem's Sparrows Point, Md. plant	N	Aug	UC order processing goes to fully automated computer system	N	Aug	7	18	Council of Chemical Assn.: Seminar on Pretreatment Standards: Joint municipal-industrial treatment costs will be high; EPA considers tailoring standards to individual plants	Oct	9	27				
Blast furnace coke plants using new process will be built in Japan and "other parts of the world" technique will be tested in Bethlehem's Sparrows Point, Md. plant	N	Aug	14	Concrete — Additives give concrete a lift	N	July	10	19	Cyclamates							
Blu. gas-from-coal plant prospects good; Kellogg unveils fixed-bed process	N	Aug	7	Chemical Week 300 — report (tables) Aug 21-26	N	Sept	4	27	Abbott Labs.: FDA wants more tests before cyclamates go back on store shelves	Sept	18	22				
CPI power woes: cut-offs, costs (table)	N	Oct	16	CMRA's meeting: Tough talk of continuing shortages and upward pressure on prices dominates	N	Sept	11	21	Abbott makes new pitch to FDA to get cyclamates back on market	Nov	20	20				
Coal strike see Labor	Combustion Engineering will develop process for OCR to produce low-Btu gas	N	Dec	Housing slump hurts plywood makers, trims demand for resins	N	Nov	20	47	Sugar substitutes sought: With cyclamates banned and saccharin under fire, researchers are readying new sweeteners	Nov	6	37				
Combustion Engineering will develop process for OCR to produce low-Btu gas	N	Sept	27	Japan: Chisso Corp. and the Chiba prefecture government will share cost of building houses for people who live near the PE plant at Goto that was damaged by an explosion and fire	N	Sept	11	21	Cyclohexane — Prices	Sept	25	23				
Extraction of underground coal as a liquid will be tried in a joint research effort	N	Sept	43	Thermoplastic users faced with shortages (chart)	N	Dec	18	25	Czechoslovak Academy of Science — Contact lenses patent suit against Automated Optics	Sept	4	13				
FPC proposes regulations for defining and dealing with an "electrical emergency"	Sept	18	July	3	21	D										
FPC ruling that gas produced from coal can be mixed with natural gas may clear the way for construction of New Mexico plants	N	July	9	Contact Lenses												
Gasification see Gasification	Gulf Resources purchases coal properties in Pa.	R	Sept	Alcon Labs expects "a lot of law suits" as a result of an agreement with Hydro Optics to develop a soft hydrophilic contact lens	N	Sept	11	21	DDT							
Inland Steel will develop metallurgical coal mine at McLeansboro, Ill.	R	Nov	4	Bausch & Lomb and 3 complaint charge Automated Optics with infringement of patents	N	Sept	4	13	DDT: where it started — letter	Aug	28	5				
		16							Game in the Pacific Northwest forests may have been contaminated by DDT	Oct	16	24				

Tussock moth larvae succumbing to DDT spraying in Northwest forests	July 24	14	Distribution — NACD's meeting: Chemical distributors are wrapping up their best year; some distributors voice concern about pricing trends	July 31	18	U.S.-Arab trade relations: improvement being actively sought	Oct 9	57
Dairy Industry — Chemical Week 300 — report (tables) Aug 21-35	Nov 20	40	Doan, Herbert D. of Doan Associates: He helps get small firms off the ground	July 31	36			
Decongestants — Vaporizer in a Bottle: New "vaporizer" releases volatile decongestants through a wick	Nov 27	34						
Deliveries								
Buyers scrambling for equipment (table)	Aug 7	25	Alcoa offers to increase revenues for bauxite it mined	July 17	24	Electric Power Generation	Oct 16	17
Equipment delivery times are leveling off, but prices still climb (table)	Oct 2	26	Production tax negotiations under way between aluminum companies and Dominican Republic	Oct 9	15	CPI power woes: cut-offs, costs (table)	Nov 27	45
UC order processing goes to fully automated computer system	Aug 7	18				Chlorine plants' latest designs in diaphragms, anodes trim power use 10-15%	July 17	29
Dentifrices — Gels, baking soda seek share of dentifrice market	Sept 4	18				Dried plant material may become an important source of electric power	Dec 11	57
Depreciation see Taxation						Electricity from nuclear plants — AIF survey	Nov 6	13
Desalting see Water Treatment						Industrial Energy Users Assn.: Industrial power consumers band together to fight rate hikes	Nov 6	29
Desulfurization						Norway's smelting business hurt by power shortage	Nov 6	29
Absorption process to remove sulfur dioxide from stack gas getting pilot plant test	July 31	32						
Limestone stack-gas scrubbing systems face more problems	July 3	27						
Scrubber removes SO from power plant stacks, with no plugging or scaling problems	Oct 30	31						
Detergents								
Algeria's National Chemical Industries Corp. seeks bids on detergent producing plants	July 17	17						
Chemical Week 300 — report (tables) Aug 21-28	Nov 20	38						
Detergent phosphates								
Canadian studies prompt environmental protection authorities in Great Lake basin states to reassess their phosphate position	Oct 30	9						
Minnesota will push for zero-phosphate legislation	Nov 6	13						
Prices	Aug 28	19						
Germany's Henkel & Cie. developing plastic containing heavy concentrations of carboxyl groups that would attract dirt	Oct 23	61						
Linear alcohols' buildup spurred by growing demand for nonionic versions of cleaning products	Oct 23	70						
New method of making aqueous polyphosphate solutions developed; first product, Kalpol 18, detergent builder	July 10	29						
Wilco's Ultra Dre will launch Active, a heavy-duty powder detergent, in New England and Baltimore-Washington markets	Oct 30	9						
Deuterium								
Canadian ammonia plants may provide a source of deuterium by 78	July 3	27						
Deuterium Corp. wins \$1,495,000 judgement in patent battle with AEC over use of dual-temperature isotope-concentration system	July 17	29						
Dianilinotetraphasic acid (DATA) — Intermediate looking for work	July 3	27						
Diaphragms — Chlorine plants' latest designs in diaphragms, anodes trim power use 10-15%	Nov 27	45						
Desinon — Rise in Rocky Mountain spotted fever incidence causes widespread spraying of desinon	July 17	23						
3,3'-dichlorobenzidine — SOCMA challenging the standards	Oct 30	14						
Diethylstilbestrol — Damage suit filed against 30 firms by 16 Detroit-area residents	Sept 25	18						
Diethyl succinylsuccinate (DESS) — Intermediate looking for work	July 3	27						
Di(aminophenyl)Methane — Eprochine's process to make MDA	Oct 9	63						
Diglycolamine — Jefferson's Port Neches, Tex., facility to produce Diglycoline-R and morpholine	Dec 11	15						
Dihydroalcohones — Sweeteners derived from chemical extracts of the rinds of grapefruits and other citrus fruits	Nov 6	37						
Dimethylhydrazine — UDMH: threatened shortage in exotic rocket fuel due to OSHA find that nitrosodimethylamine could cause cancer	Nov 20	45						
Dimethyl Terephthalate								
Du Pont shale down plant in Old Hickory, Tenn.	Nov 27	13						
Fiber makers trim output to ride out textile slump	Dec 4	31						
Hercules to suspend production at Burlington, N.J. plant	Nov 27	13						
Di peptide — Sugar substitutes sought	Nov 6	37						
Disinfectants								
Lysol-brand disinfectants: FTC accepts consent order from Sterling Drug and SSC&B	July 31	15						
Production survey released at CSMA meeting	Dec 11	22						
Disparite — Sexual attractant helps sidetrack the gypsy moth in the Northeast	Oct 23	28						
Disposable								
INDA's 3rd conference and exposition: "A Focus on the Future" is theme	Nov 6	27						
Let's look at disposables — Viewpoint	Nov 6	5						
— letter	Dec 11	5						
"Super slurpers", graft polymers, vie for use in disposal items	July 24	21						
E								
Ecuador — Andean group petrochemical plan set to go	July 24	14						
Education								
Engineers and chemists: nationwide survey finds technological job crunch is fast fading (chart & table)	July 24	9						
— letters	Sept 18	22						
— letters	Oct 30	13						
We're missing the summit — Viewpoint	Sept 18	59						
— letters	Oct 13	5						
Egypt								
Investment in iron ore pellet plant in Brazil	Aug 21	23						
Mideast petrochemicals — report, John M. Winton (tables)	July 24	35						
— letter	Oct 2	5						
U.S.-Arab trade relations: improvement being actively sought	Oct 9	57						
Electric Power Generation								
CPI power woes: cut-offs, costs (table)	Oct 16	17						
Chlorine plants' latest designs in diaphragms, anodes trim power use 10-15%	Nov 27	45						
Dried plant material may become an important source of electric power	July 17	29						
Electricity from nuclear plants — AIF survey	Dec 11	57						
Industrial Energy Users Assn.: Industrial power consumers band together to fight rate hikes	Nov 6	13						
Norway's smelting business hurt by power shortage	Nov 6	29						
Electrodes								
Batteries: Researchers aim for new high-energy, lightweight batteries	Aug 28	27						
UC plans graphite electrode unit	Aug 21	15						
Electrolyzers — Glanor electrolyzers will replace Gibbs diaphragm cells at Pennwalt's Tacoma, Wash. chlorine-caustic plant	Aug 28	31						
Electronics								
Beckman Instruments' new instrument line designed specifically for chemical plants and refineries	Aug 21	39						
Magnetic bubbles in amorphous thin-film alloys	Nov 27	43						
Solid-state detectors pinpoint concentration of wide range of elements in samples faster than conventional X-ray methods	Dec 4	43						
Elliott, Eleanor Thomas — Election to Celanese board completes search for female director	Oct 2	13						
Employment								
Engineer/Scientist Demand Index from Deutsch, Shea & Evans	Dec 11	57						
Engineers and chemists: nationwide survey finds technological job crunch is fast fading (charts & table)	Oct 9	12						
— letters	Nov 13	5						
Layoffs								
American Enka may lay off textile workers R Oct 30-14	Dec 11	14						
Celanese lays off workers because of declining sales	Dec 11	14						
Glass-fiber makers are trimming output	Dec 18	35						
Guyana bauxite mining operations lays off 428 workers	Oct 30	14						
Libby-Owens-Ford's glass workers laid off	Nov 27	22						
US Dept. of Labor BLS reports	July 17	23						
Rise in chemical jobs (tables)	Aug 14	13						
Chemical jobs on rise	Sept 18	24						
Job scene steady	Oct 16	24						
CPI jobs up slightly	Nov 13	15						
CPI employment down	Dec 18	19						
CPI employment slips	Oct 9	5						
We're missing the summit — Viewpoint	Nov 13	5						
— letters	Aug 7	5						
A woman is a person — Viewpoint	Aug 7	5						
Emulsions								
Alphasizer for the paper industry: Cyanamid's plants at Springhill, La., and Mobile, Ala.	Oct 9	17						
PE emulsions are picking up support as regulations, costs and rising insurance rates hit solvent-based systems	Dec 11	37						
Energy Crisis								
AICHE meeting: Engineers chart routes to Project Independence's 1985 goals	Dec 11	43						
API's meeting: Simon outlines plan to boost U.S. energy output	Nov 20	20						
Cabinet-level department of energy and natural resources action delayed	July 17	29						
CMRA's meeting: Tough talk of continuing shortages and upward pressure on prices dominates	Nov 20	47						
CPI power woes: cut-offs, costs (table)	Oct 16	17						
CW's Energy-Impact Series								
CW's Energy-Impact Series	Sept 18	51						
CW's Energy-Impact Series	Nov 27	29						
Energy policy: off in all directions — report, Irvin Schwartz (charts & table)	Aug 14	53						
Mideast pulls chemical crowd — report, John M. Winton (tables)	July 24	31						
A new ball game for multinationals in offing — report Gibson & Price	Dec 18	29						
Winds of change give atom energy plants big push — report, Albert H. Kislis (chart & table)	Aug 28	20						
Cooperative competition — Viewpoint	Sept 25	5						
Cyanamid's committees develop conservation ideas, get workers interested by showing that management is concerned about energy costs	Dec 4	40						
Electric Power Generation								
Energy Big Top — too many rings — Viewpoint	Aug 14	5						
Energy conservation is shaping up as the key to government efforts to achieve energy independence	Aug 28	14						
EPA poll shows energy crisis has not changed public attitudes on pollution control	Aug 14	10						

FEA: new faces, new policies: Andrew E. Gibson replaces John C. Sawhill as head	Nov 6 19	Pollution control costs	Capital requirements for water treatment	Oct 23 38	Antifreeze and auto makers clash over radiator needs; summer coolants make ethylene glycol a year-round business	July 17 36
FEA fuel data aren't valid for allocations says industry (chart)	July 17 19	— Plant sites 1975 report, John M. Winton (table)	Aug 28 15	Antifreeze markets: consumer will get what he needs, but he won't have as much choice as usual and will have to pay more	Oct 9 59	
Energy use in production of polymers and rubber goods (table)	July 17 20	Commerce Dept. reports on expenditures	Sept 25 11	Oxane plans plant in Channelview, Tex. N	July 31 9	
FEA's Sawhill makes it clear that energy conservation will play a key role in the Ford Administration's battle against inflation	Oct 9 16	Corporate spending for pollution control continues to rise	Nov 27 43	Ethylene glycol n-butyl ether — Derailment of tank car near Petone, Ill. causes evacuation of residents	Aug 14 16	
Federal energy research programs will be consolidated in a new agency, Energy Research & Development Administration N Oct 16-14	Oct 30 29	Du Pont will spend \$175 million for pollution controls in 75	Dec 11 53	Ethylenimine — SOCMA challenging decision that OSHA's categorization of ethylenimine was proper	Sept 18 63	
FPC proposed regulations for defining and dealing with an "electrical emergency" Fuel shortages see also Fuel; specific fuel, Coal, etc.	Sept 18 27	Processes for recovery of energy by pyrolysis of solid wastes seem about ready to pay off for the CPI	Nov 20 67	Europe		
He can't carry the ball alone — Viewpoint	Aug 21 5	Reservoir will hold sludges from Bruce Mansfield power station at Shippingport, Pa., on the Ohio River	Aug 7 20	Aromatics shortages reportedly are ending	Oct 16 35	
Industry will be under heavy pressure to cut its energy consumption	N	Study to find acceptable refinery sites sponsored by EPA	Oct 30 13	Chemical markets are running out of steam for the short term	Oct 23 67	
ISA's '74 conference and exhibit: Energy conservation dominates chemical discussions	Oct 16 14	Voting on air and water: SOCMA fears "vetopod" Congress		Chemical producers will emphasize specialties if Mideast oil exporting countries plunge into petrochemicals	Oct 30 19	
Insulation makers push energy-saving campaign to gain new markets	Nov 6 33	Environment see also Air Pollution; Waste Disposal; Waste Utilization; Water Pollution		Fiber markets are severely depressed	Nov 27 13	
Keep energy content in perspective — Viewpoint	Oct 9 55	Environmental Protection Agency		Japan's CPI gears up for yen invasion of Europe	Sept 18 45	
Kissinger proposes a strategy for coping with worldwide financial and energy problems: loan and guarantee fund to funnel money to nations hardest hit by soaring oil prices; reduction of energy imports	Dec 4 4	AIChe-EPA joint meeting unveils a list of more than 300 hazardous materials	Sept 4 28	Naphtha: Common Market chemical makers worry about naphtha supplies	July 17 35	
Marine energy farm will be developed off the California coast	N	OSHA and EPA are charged as being ill-equipped to do their jobs	Sept 25 19	Papermakers battle rising costs and material shortages	Nov 13 31	
Morton showing more interest in mandatory energy conservation as a way to cut U.S. reliance on foreign oil imports	Nov 27 21	Regulations, standards, etc. see Air Pollution; Environment; Waste Utilization; Water Pollution. Also see specification product — Herbicides, Insecticides, etc.		Plastics demand heads down, prices up (table)	Nov 6 40	
Most of the time, "it can be done" — Viewpoint	July 31 32	Train, R. forecasts more active policy making	Sept 18 63	Research project expenditures	Oct 30 29	
Multi-ring "superflywheels" for storing energy during off-hours	N	EPA-American Institute of Chemical Engineers — Joint meeting unveils a list of more than 300 hazardous materials	Sept 4 28	Synthetic fiber makers are worried about inventories in Asian countries	Dec 18 25	
Ninth Annual World Energy Conference: Focus on oil prices	Sept 25 39	Enzymes — U.S. Army research on cellulose-fungus, Trichoderma viride, used as the principal source of cellulose enzymes	July 31 33	Synthetic fiber makers facing a glut	Sept 4 27	
Oil shortages see also Petroleum	Oct 2 12	Epoxies see Resins		European Chemical Market Assn.'s Geneva meeting: European chemical producers will emphasize specialties if Mideast oil exporting countries plunge into petrochemicals	Oct 30 19	
Plant sites 1975 report: John M. Winton		Equipment		Explosions		
How industrial power costs, charges for coal, oil and gas, and reserves compare (table)		Buyers scrambling for equipment (table)	Aug 7 25	Decatur, Ill., rail-yard explosion: Norfolk & Western explosion may have been caused by leaking isobutane	July 31 15	
Power capacity and reserves (map & table)		Delivery times are leveling off, but prices still climb (table)	Oct 2 26	Decatur, Ill., rail-yard explosion was impetus for new rail rules, opposed by CPI companies	Sept 4 15	
Processors for recovery of energy by pyrolysis of solid wastes seem about ready to pay off for the CPI		Mobay will join with Improved Machinery in new line of reaction-injection-molding equipment for processing urethanes	Nov 20 64	Goodyear's Beaumont, Tex., synthetic rubber plant fire and explosion take heavy toll	Dec 11 16	
Representatives of chemical companies testify before Congress		Essential Oil Assn. — Manheimer, Stephen R. at 6th International Congress of Essential Oils	Sept 18 49	Gulf Oil Chemicals nitro carbamate plant near Quinnesee, Mich., explosions	July 31 15	
"Rise and fall" of the energy crisis" — letter		Ethane — PEG says more ethane could be recovered from natural gas for ethylene feedstock if government regulations are modified to permit deeper extraction	Dec 18 40	Houston rail-yard: ignited butadiene is suspected cause of explosion	Oct 2 16	
Solar power research heats up as conventional energy costs soar				Los Angeles explosion caused by prolonged exposure of organic peroxides to high temperatures	Aug 28 16	
West German energy investments could total \$125 billion in the next 10 years	N			Puerto Rican nationalists suspected in U.C. Exxon, Liver Bros. bombings	Nov 6 23	
Worldwide surplus of oil: latest in energy crisis?				Tank car loaded with Du Pont MMN suspected source of rail-yard disaster in Washington	Aug 14 16	
Energy Research and Development Administration: Federal energy research programs will be consolidated in a new agency N Oct 16-14	Oct 30 29	Ethanol		Explosives		
Engines		Gulf Oil & Black Clawson's pilot plant to produce ethanol from municipal waste	Oct 23 61	Atlas Powder enters the water-gel-explosives market with Aquagel line	Oct 30 14	
Air-pump engines: Chrysler's alternative to catalytic converters — details beginning to surface	Aug 28 31	Waste cellulose looking better as possible source of chemicals	July 31 33	Atlas Powder's headquarters to move from Wilmington, Del., to Dallas, home of Atlas parent, Tyler Corp.	Sept 18 27	
Thiokol wins NASA contract for solid-fuel rocket engines for space shuttle despite Lockheed Aircraft protest	July 10 13	Ethybenzene — Shell will expand Moerdijk, Netherlands, complex	Dec 11 39			
Environment		Ethylenamines — UC plans plant in Europe	Sept 25 31	Exports		
Alaskan pipeline see Piping		Ethylene		Arab-U.S. trade relations: improvement being actively sought	Oct 9 57	
AIChe meeting: Engineers chart routes to Project Independence's 1985 goals		Amoco plans second plant in Chocolate Bayou, Tex.	Sept 4 14	Balance of trade		
Birds: Environmental Defense Fund protesting Pentagon plan to kill 14 million blackbirds that Army contends are a health and safety hazard	Dec 11 43	Australia's Redcliff project cost estimates tripled	Sept 4 27	Bad month, good year (chart)	July 3 10	
Cabinet-level department of energy and natural resources action delayed	Nov 6 23	Bolivia and Venezuela negotiations for joint projects	Sept 25 31	Plus for chemical trade — Commerce Dept. figures	Sept 4 12	
Chevron's impact statement smooths path of \$100-million refinery expansion approved by government, providing study that pulse no punches	July 17 29	Canada: two provincial governments trying to block approval of Dow Chemical of Canada's proposal to export ethylene	July 17 17	Value basis rose in June — Commerce Dept. figures (chart)	Aug 7 18	
EPA poll shows public attitudes on pollution control have not been changed by energy crisis	Nov 13 40	Dow's Plaquemine, La. plant shut temporarily due to fire caused by electrical power failure	Sept 18 17	Barter deals involving Canadian sulfur and Moroccan phosph rock	Aug 21 9	
EPA's sufficient guidelines have their day in court. Suits to modify guidelines will settle questions on controls industry must install	Aug 14 10	Essocchem Europe expanding capacity at Cologne, W. Germany, plant	July 31 18	Canada reduces oil exports to the U.S., hints at more cuts	Dec 4 19	
International Chamber of Commerce drafts 34-points of environmental guidelines for industry	Oct 30 33	European supplies will tighten	Sept 25 31	Canadian fertilizer embargo suggested in retaliation for the U.S. ban on Canadian meat imports	Dec 4 35	
Most of the time, "it can be done" — Viewpoint	July 31 13	Expansions can't keep up with demand (chart)	July 24 24	Canadian natural gas export prices up 67%	Oct 2 25	
NAS probe could curb EPA	Nov 27 5	Feedstocks see Petrochemicals		Cooperative competition — Viewpoint	Sept 25 5	
New Jersey residents can sue to block non-regulated pollution	July 17 23	Grace's Coquelle at Chemical Industry Assn.: growth of the chemical industry and increased capital costs for new plants will smooth out supply-demand cycles and bring price stability, cites ethylene as an example	Nov 27 19	East-West trade		
OSHA and EPA are charged as being ill-equipped to do their jobs	Dec 18 40	Gulf Coast expansion plans continue to proliferate	July 3 6	Nixon's Soviet visit may open way to more chemical trade with U.S.	July 10 14	
Officials differ on the need for reliance on atomic power	Sept 25 19	Japanese begin new round of expansions	Oct 9 57	Occidental Petroleum awarded six U.S.S.R. contracts	July 10 14	
Plant sites 1975: Social concerns are complicating the choosing — report. John M. Winton (charts, tables, maps)	Oct 16 39	N July 10-23, N Aug 28-25	Russia prefers barter deals to outright cash purchases	Sept 11 45		
	Oct 23 33	Kellogg tests molten-salt process to convert heavy oil into ethylene and as much as 16% into propylene	Oct 16 42	UOP Chemical Div. contracts to supply chemicals to U.S.S.R. for use in automobile industry	July 31 15	
		Organic chemicals production: U.S. Tariff Commission report	Nov 20 48	Foreign trade, first-half: focus is on price hiker (table)	Aug 14 12	
		Qatar plans ethylene complex	July 10 23	Franco-Saudi trade negotiations are hung up	Dec 11 9	
		Shell to expand ethylene-based complex in Netherlands, build plant in France N July 3-22	Dec 11 39	Great Britain exports up	Oct 2 25	
		Shortages will keep lid on thermoplastics through 75 (chart)	July 3 21	Mexico's oil exports	Sept 4 27	
		Union Carbide's olefins capacity boost at Taft, La. will double ethylene output by late 1975	Aug 21 14	OCITA's Dawson: Access to materials is top CPI concern in '75 trade negotiations	Nov 13 16	
				Pesticide sales to Hungary expected to increase	Nov 20 57	
				Textile deficit down — Commerce Dept. report	Dec 4 20	
				Trade bill see Tariffs		

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Fallon, Walter A — Eastman Kodak's president: He makes picture taking a snap	July	24	48	Man-made: World population growth will boost fiber consumption, says Du Pont's Baby	N Oct	16	35	"Fertilizer Financial Facts" — TFI report	N Dec	4	13	
Federal Energy Administration				Man-made fiber shipments — Textile Economics Bureau reports N Oct 19-53	N Dec	11	32	Fertilizer producers' capital spending plans	N July	31	9	
New faces, new policies: Andrew E. Gibson replaces John C. Sawhill as head	Nov	6	19	Merichem's Fiber-Film device to remove entrained droplets from two-phase systems	N Sept	4	31	FIFO-to-LIFO shift: Du Pont switches to LIFO	N Aug	28	9	
Sawhill charged in suit by Delta Air Lines with government failure to enforce new aviation fuel guidelines	R Aug	7	19	Polyesters see Polyesters			FIFO-to-LIFO shift: Koppers switches to LIFO inventory accounting	R Nov	27	22		
Sawhill makes it clear that energy conservation will play a key role in the Ford Administration's battle against inflation	Oct	9	16	Polypropylene see Polypropylene			FIFO-to-LIFO shift: More modest earnings, more copious cash (chart & table)	Sept	11	17		
Zarb, Frank new choice to head FEA, has assurance of better policy coordination	Dec	4	18	Prices: Monsanto's executives at Investment Analysts Society do not foresee severe price cutting in the petrochemicals and fibers industries	N Oct	30	19	— letter	Oct	30	5	
Ferrosilicon — Canada: German plant no threat to U.S. producers	July	17	24	Synthetic fibers: production cutbacks are spreading	Dec	11	14	FIFO-to-LIFO shift: Stepan adopts LIFO	Monsanto considers switch	N Aug	21	9
Fertilizer Institute				Textiles deficit down — Commerce Dept. report	N Nov	17	13	Foreign firms boost outlays despite rising pressure on profits (chart & table)	Georgia-Pacific's record year	Oct	9	17
Survey shows that only 3.5% of the total U.S. fertilizer supply is consumed for all nonfarm applications, contends President Wheeler	N Nov	13	23	West Germany: Synthetic fiber makers (9) found guilty of price fixing will pay a \$1.4-million fine	Dec	4	20	German chemical industry '74 sales may exceed expectations	Global business projections: GNP outlook (charts)	July	10	23
Wheeler, Edwin M.: No big fertilizer buildup	Sept	11	30	Wool may give plastics new competition as result of "fiber orientation" process	N Aug	7	24	Grace's Coquillette at Chemical Industry Assn.: growth of the chemical industry and increased capital costs for new plants will smooth out supply-demand cycles and bring greater price stability, cites ethylene as an example	Grace's Coquillette at Financial Analysts Federation: U.S. firms are brightest lights in glowing chemical future	July	24	11
Fertilizers				Firm — Eastman Kodak agrees to sell competitors advance data on new film products settling antitrust suit with Bell & Howell	July	17	24	He can't carry the ball alone — Viewpoint	How much real profit growth? Paul R. Harris — letter	Nov	27	19
Bill to control nonfood use of fertilizer introduced in the Senate	N Nov	27	25	Filters & Filtration			IMC's Lenon: '74 earnings boost came as surprise, attributable to product demand	Industries' chemicals' producers expecting sales gain of 25% in next six months; higher prices to account for about 50% of gain (charts)	Oct	16	19	
Brazilian expansions	N Nov	27	37	Menichem's Fiber-Film device to remove entrained droplets from two-phase systems	Sept	4	31	Inflation: CPI calls inflation No. 1 issue, urges balanced approach (chart)	Oct	2	11	
Buildup: Big enough, but no soon enough	Dec	11	29	Silver-impregnated filter systems win water purification jobs	Aug	7	37	Inflation: Dow's Gerstacker calls for the imposition of government-supervised voluntary wage-price controls as a means of combating inflation	Sept	25	19	
Canada: dilemma: resources attract, tax bills repel	Aug	14	11	Financial			Inflation: FEA's Sawhill makes it clear that energy conservation will play a key role in Ford Administration's battle against inflation	July	24	11		
Canadian fertilizer embargo suggested in retaliation for the U.S. ban on Canadian meat imports	N Dec	4	35	Abbott's pharmaceutical div. problems "now over" — Henrichs tells security analysts in Chicago	Nov	27	21	Inflation: Nixon: '74 earnings boost came as surprise, attributable to product demand	Oct	9	16	
Capital spending by producers	N July	31	9	Akzo aims to parlay expansions, acquisitions into earnings gains	Aug	14	43	Industries' chemicals' producers expecting sales gain of 25% in next six months; higher prices to account for about 50% of gain (charts)	Sept	21	5	
China's fertilizer imports from Japan: cost will double in next 5 months	N Sept	11	45	Alcan Aluminum sees '75 upturn	Oct	9	15	Inflation: CPI calls inflation No. 1 issue, urges balanced approach (chart)	Oct	4	13	
Feast and famine — Viewpoint	Oct	23	5	Allied's Sykes at Philadelphia financial analysts: Business remains "very good"	Sept	25	17	Inflation: Dow's Gerstacker calls for the imposition of government-supervised voluntary wage-price controls as a means of combating inflation	Sept	2	11	
"Fertilizer Financial Facts" — TFI report	N Dec	4	13	Arco puts 41 billion on line for chemicals	Oct	23	63	Inflation: FEA's Sawhill makes it clear that energy conservation will play a key role in Ford Administration's battle against inflation	Sept	25	19	
F's President Wheeler contends that recent survey shows only 3.5% of the total U.S. fertilizer supply is consumed for all non-farm applications	N Nov	13	23	Ashland Oil's Atkins reports to N.Y. analysts	Nov	13	18	Inflation: CPI calls inflation No. 1 issue, urges balanced approach (chart)	July	24	11	
Heal's on fertilizers — letter	Sept	4	5	Bayer's growth plan: more production abroad, new product mix	Oct	2	21	Inflation: Dow's Gerstacker calls for the imposition of government-supervised voluntary wage-price controls as a means of combating inflation	Oct	9	16	
Hybrid wheat: Big new outlet for fertilizers?	Aug	28	11	Bayer's sales and earnings in second-quarter '74	Sept	4	27	Inflation: Nixon: '74 earnings boost came as surprise, attributable to product demand	Sept	7	13	
India facing shortage of fertilizer for winter wheat	N July	3	22	Borg-Warner's Farmer at N.Y. security analysts: reports sales for '74 are setting a new record	Aug	21	11	Industries' chemicals' producers expecting sales gain of 25% in next six months; higher prices to account for about 50% of gain (charts)	Oct	16	18	
Industry gets distress call in global hunger crisis	Oct	23	21	Capital investment abroad: U.S. chemical companies raise their overseas ante (chart & tables)	Dec	11	12	Inflation: President Ford will push economic restraint to curb inflation	Aug	21	12	
Interagency Task Force on Fertilizer extended	R July	17	24	Capital investments, worldwide — McGraw-Hill's Economic Dept. annual fall survey (charts & table)	Nov	13	13	Inflation: "Summit" group looks at impact of concentration on inflation (table)	Sept	4	11	
Interagency Task Force on Fertilizer says fertilizer supplies will be more abundant but may still fall short of farmer demand	July	31	14	Capital spending: CPI still among the big spenders — McGraw-Hill's Economics Dept. annual fall survey (charts & table)	Sept	18	51	Inflation: "Summit" group looks at impact of concentration on inflation (table)	July	17	24	
Inventories Sept 11-30, N Oct 9-53	N Nov	6	25	Capital spending: Outlays soar, but CPI plant renewal lags — McGraw-Hill survey "How Modern is American Industry" (chart)	Sept	18	32	LIFO see LIFO-to-LIFO shift	Dec	4	20	
Korea: Agrico to build major complex in Yousu, South Korea	N July	3	6	Capital spending: CPI still among the big spenders — McGraw-Hill's Economics Dept. annual fall survey (charts & table)	Sept	25	5	MCA meeting: "The Chemical Industry and Its Publics — Challenges and Opportunities"	Oct	2	16	
Legislation to give fertilizer makers the highest priority for natural gas is in the works	Oct	16	13	Capital spending firm — Commerce Dept. data	Dec	4	16	Mead's McSwiney reports to N.Y. security analysts	Oct	9	16	
Occidental Petroleum awarded six Soviet contracts	July	10	14	Celanese: consents to injunction against selective disclosure of financial information	Nov	20	36	Midwest chemical industry survey	Nov	6	22	
Portuguese makers are gearing up to meet European demand	N Oct	16	35	Chemetron's Gallagher at N.Y. Soc. of Security Analysts: Boosting profits with pigments and other specialties	Dec	11	12	Multinationals: A new ball game for multinationals in the offing — report: Gibson & Price	Oct	9	16	
Prices: Farmers are paying 40-150% more this fall	N Oct	16	27	CMRA/CDFA conferees agree: CPI can't repeat overcapacity of the '60s, see stable markets, increased profits ahead	Dec	4	16	Multinationals: Senate subcommittee report showing that unduly liberal tax rules help the multinational oil companies reap excessive profits disputed by API and N.Y.'s Chase Manhattan Bank	Dec	11	13	
Prices in United Kingdom	N Aug	7	29	CPI raises its bets on Mideast oil, gas and gold — report: Horner G. Starr (charts)	Sept	18	32	Outlook: Four major producers discuss 1975 outlook	Nov	20	23	
Production	N Oct	9	53	Chemical Week 300 — report (tables)	Sept	18	51	Plant sites 1975: Social concerns are complicating the choosing — report: John M. Winton (charts, tables, maps)	Oct	23	33	
Shipments — report from FBN July 3-19	N Oct	9	53	Second-quarter profits run high, but gains are distorted by inflation	Sept	20	36	Profits: chemical profits surge in first-quarter '74	July	10	15	
Shortages forecast at TVA Fertilizer Conference	N Aug	7	35	Third-quarter paradox: CPI earnings advance while GNP retreats	Sept	25	5	R&D spending: CPI research spending spurs to new high (table)	July	10	25	
U.S. Commerce Dept. predicts 13% chemical sales rise in '75 (chart)	Nov	13	15	Congressional economic stimulus likely to come in two forms: indirect aid to the unemployed and tax relief for the lower brackets	Dec	2	14	R&D spending: EEC research projects expenditures	Oct	30	29	
Utah joint alumina-silumina-fertilizer plan	Aug	7	17	Cooperative competition — Viewpoint	Sept	25	5	Rockefeller, Nelson may be in line for high-level responsibilities as vice-president	Aug	28	9	
World appetite for fertilizer hits new high (chart)	Sept	4	23	Credit: chemical manufacturers are tightening customer credit	July	10	18	Royal Dutch/Shell's G.A. Wagner: Profit prospects good	Oct	2	14	
World shortages of nitrogen fertilizers predicted	N Nov	13	23	Credit: shortages lead to stricter credit practices	Aug	28	19	Rubber futures back	Dec	11	14	
Fertilizers see also individual fertilizers; Ammonia, Nitrogen, Phosphate etc.				Credit: UC doubles its bank lines of credit to \$600 million	Sept	4	12	Sales and earnings				
Fibers				Cyanamid's Sverdrup: Sees record sales and earnings for the company this year	Dec	11	15	2nd-quarter: Many gains, few declines July 3-11	July	10	15	
Acrylic fiber capacity increase at Dow Badische's Williamsburg, Va. plant	R July	24	16	Diamond Shamrock's Cash: Profit prospects good	Oct	2	14	2nd-quarter: Solid	July	17	21	
Apparel fiber prices	N Aug	7	35	Dow's capital spending in 1974 and 1975 to be upped	Aug	14	9	Profits despite problems (table)	July	24	13	
Artist's supplies — Chemicals add new luster to paintings, sculptures	Dec	18	42	Du Pont's first U.S. public bond offering since 1921	Sept	18	21	For CPI firms, business was never better (tables)	July	31	10	
Autos: Compact cars will feature luxury fibers, more glass and plastics	Sept	11	33	Du Pont's fiscal sales reporting system revamped	Sept	20	17	2nd-quarter: Upbeat goes on	Aug	7	18	
Belgium joint venture plant in Limburg	R July	24	16	Du Pont's Shapiro: Looking forward to good year-end tally, similar to 73's	Sept	21	5	3rd-quarter: Another solid quarter	Oct	16	22	
Celanese and American Enka production cutbacks because of declining sales	Dec	11	14	Explode the "excess profits" myth — Viewpoint	Oct	2	14	Record profit year shaping up (table)	Oct	23	23	
Consumer demand for fibers winds down, easing bind on supplies	Aug	21	20	FTC request for lines-of-business reports challenged by CPI firms	Aug	28	13	CPI companies prosper, though GNP dwindles (tables)	Oct	30	10	
European fiber makers facing a glut	N Sept	4	27	FTC survey to find out how much multilane companies make on each product groups approved	July	31	12	More growing earnings reports (table)	Nov	6	20	
European fiber markets are severely depressed	N Nov	27	13				Sales and earnings for individual companies see under company name in Company Index					
European synthetic fiber makers are worried about inventories in Asian countries	Dec	18	25				Saudi Arabia: Chances for a U.S.-Saudi Arabian Industrial Development Council dim					
Inventories of man-made fibers rose in July	Sept	11	25				Bechtel designing plan for major industrialization zone					
Japan: rising costs have reduced fiber makers' profits	N Nov	13	29				Shell Oil's Bridges reports to Los Angeles analysts					
Japan's overstocked fiber makers seek cartel to cut production	Dec	11	39				Shortages: Slowdown in U.S. economy is ending an era of chemical shortages (chart)					
Makers trim output to ride out textile slump	Dec	4	31									
Man-made: World capacity will rise 18% by the end of '75 — Textile Economics Bureau report	N July	10	18									

Staley financing for expansion, mostly in corn syrup	N	Nov	13	9	Chemical Weed 300 — report (tables)		Power capacity and reserves (map & table)		Oct	23	52			
Stauffer's Morley at Houston Society of Financial Analysts: First half indicates '74 earnings will top last year's by 60%	N	Sept	25	17	Aug 21-35	Nov	20	40	Processes for recovery of energy by pyrolysis of solid wastes seem about ready to pay off for CPI	Dec	11	53		
Texaco's Granville reports to N.Y. analysts Texasgulf's Fogarty at N.Y. Society of Security Analysts: 'Our goal is to be the No. 1 natural resources company'	N	Nov	13	18	Feast and famine — Viewpoint	Oct	23	5	Representatives of chemical companies testify before Congress	Oct	16	19		
"Triangular investment" entails the use of U.S. technology and Arab capital to develop industrial projects in foreign countries	N	July	31	12	FDA to limit lead in evaporated milk, mercury in fish	Dec	18	21	UDMH threatened shortage in exotic rocket fuel due to OSHA find that nitrosodimethylamine could cause cancer	Nov	20	45		
UC's R.J. Hughes at Financial Analysts Federation	N	Dec	4	13	Specialty chemical divisions see growth pace for food companies	Oct	9	19	Fuel see also specific fuel, Coal; Natural Gas; etc.					
U.S. Commerce Dept. predicts 13% chemical sales rise in '75 (chart)	N	Oct	16	19	UC plans food casings plant in Osceola, Ark.R	Dec	18	21						
Vulcan's Monaghan tells Chicago analysts: Profit prospects good	N	Nov	13	15	UN will mobilize fertilizers and pesticides for rapid increase in food crop production	Oct	23	21						
West Germany's "Big Three": slumps in fibers and plastics beginning to cause concern about next year's sales growth	N	Oct	2	14	United Nations' World Food Conference ends with vague promises of aid for the hungry	Nov	20	24						
Finishes — Production survey released at CSMA meeting	N	Dec	18	27										
Fire Retardants see Flame Retardants		Dec	11	22										
Fires														
Dow's Plaquemine, La. ethylene plant shut temporarily due to fire caused by electrical power failure	N	July	31	18	Food Additives		Fuel Cells							
Goodyear's Beaumont, Tex., synthetic rubber plant fire and explosion take heavy toll	N	Dec	11	16	FTC launches investigation into the advertising and labeling of powder and pill-form protein supplements	Sept	4	15	Batteries: Researchers aim for new high-energy, lightweight batteries	Aug	28	27		
Hercules terephthalate plant in Wilmington, N.C. resumes full production after fire ..N	N	July	24	23	National Research Council report calls for addition of 10 vitamins and minerals to foods	July	17	23	Fuel Cells see also Anodes					
Omega Chemical's Wilmington, Del., fire of Nov. 73 sparks damage suit	N	Dec	11	16	USDA panel calls for restrictions on use of nitrates	July	24	16	Fumigants — Soil fumigants are "remarkably effective" in stopping decay of wood utility poles, studies at Oregon State University suggest	N	Sept	25	39	
Property loss in industrial fires has reached alarming proportions says Factory Mutual System	N	July	24	28	USDA recommends that the use of nitrate additives in all meat, except fermented sausages, be discontinued	Sept	18	24						
Universal Cooperative's Alliance, O., headquarters and plant fire	N	July	24	16	FDA regulations, standards etc. see under specific products									
Fires see also Explosions		July	3	17	Food Colors — Allied building certified food colors facility in Buffalo, N.Y.R	Nov	27	22						
Fireworks — Consumer Product Safety Comm. proposes a ban on firecrackers; other fireworks are not affected	N	Dec	18	21										
Fish														
FDA to limit lead in evaporated milk, mercury in fish	N	Nov	6	14	Formaldehyde		Gas							
Use of nitrates in processing fish may be curbed by FDA	N				Eiprochene's process to make MDA ..N	Oct	9	63	Air gases prices	N	July	31	18	
Flame Retardants					Prices N.July 31-18, N.Sept 4-17, N.Nov 6-25, N Nov 27-25	N	Dec	4	29	Btu. gas-from-coal: Kellogg unveils fixed-bed process	N	Aug	7	24
CMCS' annual meeting at Ottawa: Specialties makers are briefed on proposed legislation, flame retardancy regulations and aerosols	N	Oct	30	16	Fragrance Foundation — Davidson Associates' "Sweet Smell of Success" seminar and workshop on fragrances	Nov	20	61	FPC ruling that gas produced from coal can be mixed with natural gas may clear the way for construction of New Mexico plants					
Flammability standards: Opposition to extension of nonflammability standards to all clothing	N	Sept	4	10	Industrial gas facilities in Brazil	R	July	3	9	Industrial gas facilities in Brazil	R	July	17	35
Guilford Mills develops new way to add flame-retardants to polyester warp-knit fabrics	N	July	17	29	Industrial gas prices N Aug 7-35	N	Aug	21	19	UC plans air-separation plant near Wilmington, N.C.N		Sept	4	9
Market demand boosts bromine sales ..N	N	Nov	27	26	UC plans expansion of air-separation capacity at Republic Steel's Gadsden, Ala. works	N	Oct	9	9					
Plastics makers agree to limit nonflammability claims in ads	N	Aug	7	17										
Flavors — Essential oils meeting zeroes in on raw materials, regulations	N	Sept	18	49	Fragrances		Gasification							
Flocculants — Japan: Flocculants one of the fastest-growing chemical products	N	Sept	11	34	Davidson Associates' "Sweet Smell of Success" seminar and workshop on fragrances	Nov	20	61	Btu. gas-from-coal: Kellogg unveils fixed-bed process	N	Aug	7	24	
Flooring — Synthetic surfaces: 3M will no longer bid on new installations for its Tartan Turf; Monsanto's Astro Turf installations increase	N	Oct	16	13	Industrial gas facilities in Brazil	R	July	3	9	Combustion Engineering has contract with OCR for coal gasification process unit in Windsor, Conn.R	Dec	11	15	
Florida State University — Sulfuric acid mist formation by autos using catalyst control systems in Los Angeles area will be investigated	N	Oct	2	31	Industrial gas prices N Aug 7-35	N	Aug	7	24	Exxon will defer construction of coal-gasification pilot plant in Baytown, Tex.N	Dec	4	39	
Fluorides					Industrial gas facilities in Brazil	R	July	3	9	FPC ruling that gas produced from coal can be mixed with natural gas may clear the way for construction of New Mexico plants				
Akzo seeks permission from Dutch authorities to sell treated salt following ruling that eliminates water fluoridation	N	Nov	20	59	Industrial gas facilities in Brazil	R	July	3	9	Lurgi (Frankfurt) proves out methanation step for fixed-bed process	N	Aug	7	24
Gels, baking soda seek share of dentifice market	N	Sept	4	18	Industrial gas facilities in Brazil	R	July	3	9	South Africa may get another oil-from-coal plant	N	Dec	11	58
Fluorocarbons														
Aerosol spray propellants: NRDC requests ban on use	N	Nov	27	22	Freight Rates		Gasoline							
Propellants in aerosol products: Legislation aimed at banning use being drafted by Reps. Rogers and Esch	N	Dec	11	27	Chemical shipments to Australia and New Zealand: rates up	N	Aug	7	14	California, considering a plan to stretch gasoline supplies by encouraging the use of a blend with up to 30% methanol as fuel for autos	Dec	11	13	
Researchers study possible ozone destruction by fluorocarbons from aerosol propellants that rise into the stratosphere	N	Nov	20	68	Chemical shippers are bracing for another big railroad freight hike	N	Oct	9	9	Ethyl's MMT antiknock compounds to boost octane in unleaded gasoline	N	Nov	6	35
Foam					Freon — Du Pont's Freons 113 and 114 production at Corpus Christi, Tex., complex ..N	Dec	4	29	Lead-in-gas: Ethyl argues that EPA hasn't demonstrated health dangers	N	Sept	18	63	
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Olin and Asahi Glass joint venture to build urethane polyol plant in Japan	N	Nov	27	37	Energy policy: off in all directions. Irvin Schwartz (chart & table)	Aug	14	53	Morton showing more interest in mandatory energy conservation as a way to cut U.S. reliance on foreign oil imports	N	Nov	20	23	
Process for laminating panels with frothing isocyanurate foams, called Rubifroth ..N	N	Nov	20	64	Conversion of municipal waste into synthetic fuel oil by a new process may find work in Japan	N	Nov	20	64	Shell, Iran negotiating a deal that would include construction of a refinery in Iran and possible Iranian participation in some Shell marketing operations	Dec	4	20	
Urethane: European Foamax process to make flat urethane slab stock is drawing U.S. interest	N	Sept	4	31	Cost survey of utility by Atomic Industrial Forum	N	Nov	6	35	Generators — MHD efficiency is climbing ..N	Oct	9	64	
Food					Cyanamid's committees develop conservation ideas; get workers interested by showing that management is concerned about energy costs	Dec	4	40						
Breakfast cereals: consumer group urges limit on sugar content	N	Aug	14	15	Dried plant material may become an important source of electric power	N	July	17	29	Geothermal				
					FEA fuel data aren't valid for allocations says industry (chart)	N	July	17	19	AMAX Exploration reaches agreement on geothermal development	R	Aug	28	16
					Energy use in production of polymers and rubber goods (table)	N	July	17	20	Dow will explore and develop geothermal properties held under lease by Magma	Mar	6	15	
					Insulation is strapped to piping to cut heat loss, save fuel	N	Oct	9	55	USGS survey shows several Western states contain substantial geothermal steam reserves	N	Oct	9	10
					Natural gas shortages are forcing plants to switch to fuel oil and coal for boilers (table)	N	Sept	18	19	Germany				
					Plant sites 1975 report, John M. Winton How industrial power costs, charges for coal, oil and gas, and reserves compare (table)	N	Oct	23	48	Bayer's Brunsuettel complex: court overrules objections by nearby residents to proposals for waste and cooling water disposal	Sept	11	45	

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Canada: Dow weighs complex on Strait of**Canso** N Aug 14 9**Canada dilemma: resources attract, tax bills repel** N Aug 14 11**Dow-Iranian joint venture** N Aug 14 9**European chemical markets are running out of steam for the short term** N Oct 23 67**Fatty acids see **Fatty Acids******Feedstock allocations****FEA data aren't valid for allocations says industry (chart & table)** July 17 19**SNG feedstock will be allocated on a case-by-case basis by FEA** N Aug 14 9**Feedstocks****Natural gas will be preferred feedstock for ammonia production in North America and Europe until its price approaches \$1/million Btu's, say Kellogg engineers at AIChE meet** N Aug 28 31**Refinery buildup may ease chemical shortages (chart)** July 10 11**Oil companies list plans for U.S. refinery expansions (table)** July 10 12**Iran: UC and National Petrochemical study joint ventures** Aug 28 14**Israel: 'David' seeks 'Goliath' status, chemical industry maps program to cash in on nation's resources, boost sales to \$1 billion by '78 (map & table)** Sept 11 46**Kissinger proposes a strategy for coping with worldwide financial and energy problems, loan and guarantees fund to funnel money to nations hardest hit by soaring oil prices, reduction of energy imports** Nov 27 21**LPG — Weather worry: Will icy winter nip CPI profits? Diverting natural gas to homes could tumble operating rates (charts)** Dec 11 10**LPG, Exxon R&D testing new system for measuring density of LPG and LNG in large storage tanks** N Dec 4 39**Mexican oil finds could prove a petrochemical bonanza** N Oct 23 55**Mexico oil find boosts chemicals (table)** Dec 4 36**Mexico's exports** N Sept 4 27**Morton showing more interest in mandatory energy conservation as a way to cut U.S. reliance on foreign oil imports** Nov 20 23**Ninth Annual World Energy Conference** Oct 2 12**Focus on oil prices** Dec 11 13**North Sea oil production costs are expected to burgeon to \$15 billion by '80** Oct 16 22**Offshore oil and gas rights leasing, chemical companies take a cautious attitude on the Interior's controversial plan** July 31 16**Offshore oil tracts in Gulf of Alaska will be leased** N July 31 21**Oil depletion allowance end predicted price hikes could hurt rubber** Nov 27 21**Oil quotas see **Imports******Oil shale see **Shale Oil******Oil spills see **Water Pollution******Olefins see **Olefins******Pipelines see also **Piping******Plant sites 1975 report, John M. Winton** Dec 18 37**How industrial power costs, charges for coal, oil and gas, and reserves compare (table)** Oct 23 48**Power capacity and reserves (map & table)** Oct 23 52**Prices: BLS issues revised set of petroleum wholesale price indexes** July 3 11**Prices: Estimate of 1985 oil prices will determine course of technology** Dec 25 19**Prices: House Committee hearings to investigate the failure of the FEA to close a loophole in its regulations that could allow oil refiners an estimated \$300 million in unwarranted price increases on crude** Sept 4 10**Prices: Wash. D.C. energy planners are locked in a debate over the best strategy for decontrolling oil prices** N Dec 11 9**Saudi-French trade negotiations are hung up** N Sept 25 39**Senate subcommittee report showing that unduly liberal tax rules help the multinational oil companies reap excessive profits disputed by API and N.Y. Chase Manhattan Bank** Dec 11 32**Synthetic crude oil: UOP process to liquefy coal in pilot plant test** N Sept 27 14**Tertiary oil recovery may provide a big market for chemicals** N Dec 18 24**Texaco sued by Justice Dept. to make the company comply with the mandatory oil allocation program** N Sept 27 14**Texas exploration program** N Dec 11 41**West German energy investments could total \$125 billion in the next 10 years** N July 31 16**World oil prices could drop as result of Saudi Arabian oil auction** N July 10 12**Worldwide surplus of oil: latest in energy crisis?** N Sept 27 43**Pharmaceutical Manufacturers Assn. — OTA report supports pharmaceutical industry's contention that all brands of a generic drug are not always equally effective** N Dec 11 51**Phenol****Dow Chemical of Canada plans expansion at Ladner, B.C.** N July 31 9**Rohm & Haas' process to recover phenol from waste streams is looking for work** N Nov 27 43**Shell's Deer Park, Tex., complex to get phenol plant and a bisphenol A unit** N Dec 11 9**UC will upgrade facilities at Bound Brook, N.J.** N Nov 20 17**Upjohn's synthesis of hydroquinone based on phenol and acetone is said to cut costs, reduce plant effluents, by-produce bisphenol A** N Dec 11 51**Philippines — Aluminum complex** N Sept 18 47**Phosgene — Chemetron adding phosgene and phosgene derivatives capacity at Laporte, Tex. plant** N July 3 13**Phosphate****Australian prices will more than triple on Jan. 1, '75** N Nov 6 29**Barter deals involving Canadian sulfur and Moroccan phosphorus** N Aug 21 9**Baker developing Florida rock deposit** N July 31 15**Acquisition completed** N Aug 28 9

Canadian fertilizer producers trying to fine up supply of phosphate rock in Brazil .N	Aug	14	23	European plastics demand heads down, prices up (table) .N	Nov	6	40	HDPE — Soltex Polymer acquires Celanese operations including the Deer Park, Tex., plant N Oct 2-9 .N	Dec	4	19
Detergent phosphates see Detoxers				Flammability consent from 25 manufacturers .N	Aug	7	17	Japan's nuclear ship "Mutsu": extra layers of PE shielding can prevent neutron leaks .N	Nov	20	64
Emission standards for phosphate fertilizer plants aimed chiefly at controlling fluoride emissions .N	Nov	6	31	Foster Grant's Brazilian joint venture in plastics .N	Nov	13	9	LDPE: CIL plans plant in Alberta .N	Sept	4	9
FMC's phos rock mine in North Carolina .N	Aug	21	9	Germany's Henkel & Cie developing plastic containing heavy concentrations of carboxyl groups that would attract dirt .N	Oct	23	61	LDPE: French interests may build plant in Iraq .N	Sept	18	37
Fertilizer buildup: big enough, but not soon enough .N	Dec	11	29	Oligomers: Upjohn's Gilmore Labs makes low-molecular-weight polycarbodimides, called oligomers, from methylenediphenyl isocyanate .N	Sept	18	63	Prices N July 31-18 .N	Aug	28	19
Inventories Sept 11-30 .N	Nov	6	25	Oligomers for polishes and coatings from Rohm and Haas .N	Dec	18	22	Prices of high-molecular-weight PE resins hiked .N	Nov	13	23
Israel expands phosphate rock production .N	Aug	21	33	Polymer 74: U.S. firms ring up \$3 million in sales at Moscow plastics show .N	Oct	2	14	Production and consumption .N	Nov	27	25
Morocco may soon boost phosphate rock prices N Nov 20-45	Dec	11	31	Resins are ready to bottle up beverage market. Belgian's Solvay to introduce polyacrylonitrile barrier resin in beer bottles .N	Sept	11	37	UC will upgrade facilities at Bound Brook, N.J. .N	Nov	20	17
Municipalities tackle problem of removing phosphates from wastes .N	Aug	21	37	Roach pesticide is plastic-layered tape .N	Aug	21	43	Polyimide — Film prices .N	Aug	14	23
North Carolina expansions .N	Aug	21	9	Synthetic resins: Despite "stagflation", output to go up in 75 (chart) .N	Dec	30	16	Polyisoprene — Goodyear's Beaumont, Tex., plant fire and explosion take heavy toll .N	Dec	11	16
Prices N Nov 27-25 .N	Dec	18	35	Table lips keep spills off passengers .N	July	3	21	Polymerizing — Packaging hazardous wastes in plastic before using it for landfill will prevent the material from leaching into the ground. Sealosafe, a mechanical-chemical polymerizing process .N	Nov	20	63
Spain will probably go along with any move initiated by Morocco to raise phosphate rock prices .N	Dec	11	31	Thermoplastics: shortages will keep lid on thermoplastics through '75 (chart) .N	U.S. Commerce Dept. predicts 13% chemical sales rise in '75 (chart) .N	Nov	13	15	Polymers		
Texassugil will make phosphate fertilizer at Timmins, Ont. .N	Dec	4	13	U.S. Commerce Dept. predicts 13% chemical sales rise in '75 (chart) .N	Sept	25	41	Additives give concrete a lift .N	July	10	19
Tunisian phosphate rock mining project granted loan .R	Aug	14	47	Plating — Ion exchange, reverse osmosis recover metal-plating chemicals; tests at API and Kodak .N	Sept	25	41	Disposable industry: "super slurpers", graft polymers, vie for use in disposable items .N	July	24	21
Phosphate Rock Export Assn. — Turberville forecasts fertilizer shortages .N	Aug	7	35	Plastics see also specific plastic			Energy use in production of polymers (tables)	July	17	20	
Phosphorus Oxichloride — Prices .N	July	3	19	Plating — Ion exchange, reverse osmosis recover metal-plating chemicals; tests at API and Kodak .N	Sept	25	41	European plastics demand heads down, prices up (table) .N	Nov	6	40
Phosphorus Trichloride — Prices .N	July	3	19	Floor polishes: PE emulsions are picking up support as regulations, costs and rising insurance rates hit solvent-based systems .N	Nov	20	38	Pressure-sensitive adhesives: Auto trimmings add drive to tape and label market — report. Patricia L. Layman .N	Oct	16	29
Photography — Eastman Kodak agrees to sell competitors advance data on new film products settling antitrust suit with Bell & Howell .N	July	17	24	Oligomers for polishes and coatings .N	Dec	11	37	Prices .N	Aug	7	35
Phthalic Anhydride — Expansions slated by Koppers and USS Chemicals .N	July	17	17	Production survey released at CSMA meeting .N	Dec	18	22	Roach killer, plastic-layered tape, is controlled-release pesticide .N	Aug	21	43
Picard, Raymond J. — Rhodia's chairman, president and chief executive officer. Accent of his French firm is American .N	Oct	23	78	Roach killer, plastic-layered tape, is controlled-release pesticide .N	Dec	11	22	Tertiary oil recovery may provide a big market for chemicals .N	Dec	11	32
Pigments				Floor polishes: PE emulsions are picking up support as regulations, costs and rising insurance rates hit solvent-based systems .N	Sept	18	63	UC soil conditioner is hydrophilic polymer Uniroyal's Flex-Light photopolymer elastomeric printing plate for flexographic printing .N	July	24	22
Titanium: NL Industries expanding its Norwegian plant .R	Oct	16	24	Oligomers for polishes and coatings .N	Dec	11	22	Polyolefins — Output of major polyolefins outpaced consumption during Sept. .N	Nov	27	34
Titanium dioxide shortages likely to continue until mid-1976 .N	Aug	14	24	Production survey released at CSMA meeting .N	Dec	11	22	Polyols — Prices of polyols used in making urethanes .N	Aug	7	35
Piping				Volting on air and water: SOCMA fears veto-proof" Congress .N	Oct	30	13	Polyphosphate — New method of making aqueous polyphosphate solutions developed, first product, Kalipol 18 detergent builder .N	July	10	29
Alaskan pipelines	July	24	16	Polyamides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Polypropylene			
Crude oil capacity to be increased .N	Oct	2	13	Polybutylene Terephthalate — GAP's plans .N	Sept	25	11	Cellulose substitute made from PE and PP .N	Dec	4	39
EPA Paso Natural Gas' plan for trans-Alaskan gas pipeline .N	Oct	23	Poly carbodimides — Upjohn's Gilmore Labs makes low-molecular-weight PCDI, called oligomers, from methylenediphenyl isocyanate .N	Sept	18	63	Fiber makers trim output to ride out textile slump .N	Dec	4	31	
Trans-Alaska Pipeline bill constitutionality upheld by Supreme Court .N	Dec	4	35	Hercules adding PP conversion capacity .N	Sept	25	11	Hercules curtails fiber production at Oxford, Ga. and Covington, Va. plants .N	Aug	21	19
Canada: Sarnia-Montreal crude pipeline may be built .N	Aug	14	45	Northern Petrochemical's plans .N	Sept	27	13	Northern Petrochemical's plans .N	Sept	4	9
Canada studying possible routes for a line to carry crude oil south from northern Canada .N	Oct	30	Volting on air and water: SOCMA fears veto-proof" Congress .N	Sept	25	11	Novamont patent suit cleared up; Novamont to license two catalyst PP patents .N	July	24	28	
Hot tapping methods for welding connections onto operating pipelines .N	Dec	4	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Exxon sues Toho Titanium for infringing Japanese versions .N	July	24	28	
Insulation is strapped to piping to cut heat loss, save fuel .N	Oct	9	Polybutylene Terephthalate — GAP's plans .N	Sept	25	11	Producers can't make polypropylene fast enough (table) .N	July	31	22	
Italy's new pipelines will provide boost for natural gas supply .N	Aug	14	Poly carbodimides — Upjohn's Gilmore Labs makes low-molecular-weight PCDI, called oligomers, from methylenediphenyl isocyanate .N	Sept	18	63	Propylene supplies: Two more years of catch-up .N	Sept	11	27	
PVC pipe and fittings joint venture of Robin-tech for Central American markets .R	Oct	16	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Polystyrene				
Slurry system for handling bulk materials, called Marconjet .N	Oct	23	Polybutylene Terephthalate — GAP's plans .N	Sept	25	11	Arco/Polymers' expandable polystyrene plant Beaver Valley, Pa., will be onstream late this year .N	Sept	4	17	
UC acquires patent rights and equipment of Klean-Kote for a process for cleaning pipelines by internal sand blasting .N	Nov	20	Poly carbodimides — Upjohn's Gilmore Labs makes low-molecular-weight PCDI, called oligomers, from methylenediphenyl isocyanate .N	Sept	25	11	Artist's supplies — Chemicals add new luster to paintings, sculptures .N	Dec	18	42	
Plant Location			Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Dow plans Styron polystyrene expansions .N	Sept	7	19	
New England study to find acceptable refinery sites sponsored by EPA .N	Aug	7	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Flammability consent: plastic makers agree to limit nonflammability claims in ads .N	Aug	7	17	
Plant sites 1975: Social concerns are complicating the choosing — report. John M. Winton (charts, tables, maps) .N	Oct	23	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Prices .N	Sept	4	17	
Texas' tax on petroleum products could cost Texas Conoco's new oil refining and petrochemical complex .N	July	24	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Rexene thinks Monsanto may be too optimistic about polystyrene supplies .N	Oct	16	27	
Plastic Film			Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Russian plant to be built by Litwin S.A. .N	Aug	21	23	
Ohio meat wrappers bring suit against Goodyear T&R and Borden over VC injury to packers .N	Aug	28	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Thailand: Dow plans plant .N	Dec	11	39	
Prices .N	Aug	14	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Yugoslavian joint venture insured .N	Aug	14	47	
Vinylidene chloride: Italian reports suggest VIC may be carcinogenic .N	Oct	16	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Polypropylene — Neville Chemical offers synthetic terpolymer resins .N	Aug	21	39	
Plasticizers — Prices .N	Aug	7	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Polyurethane Manufacturers Assn. asks court to set aside worker exposure standards .N	Oct	30	14	
Plastics			Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Polyvinyl Butyral — Monsanto plans plant in Springfield, Mass. .N	Nov	6	20	
ABS: Dow plans expansions .R	Aug	7	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Polyvinyl Chloride				
American Cyanamid plans Formica decorative laminates plant in Columbia, S.C. .N	July	31	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Bulgaria contracts for unit .N	Aug	7	19	
Autos: Compact cars will feature luxury fibers, more glass and plastics .N	Sept	11	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Canada: Diamond Shamrock Canada plans plant .N	July	17	35	
Biomaterials meeting hears how hydrogels, porous titanium and plastics improve success rate of restorative surgery .N	Nov	27	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Cancer probe .N				
Bottle battle is shaping up in the soft-drink field: Coca-Cola to introduce bottles of Monsanto's Cyclo-Safe; Pepsi-Cola looking at DuPont's Dalar polyester resin bottle .N	Dec	4	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	We're in this together — Viewpoint .N	July	3	5	
Chemical Week 300 — report (tables) Aug 21-29	Dec	4	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	What's ahead for vinyl makers: slowdown or end of the road? (chart) .N	July	3	7	
Disposable: Let's look at disposables — viewpoint — letter .N	Nov	20	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Goodrich plans PVC plant in Louisville, Ky., despite VCM controversy .N	July	17	20	
Disposable: see a durable future: IND's conference and exposition "A Focus on the Future" is theme .N	Nov	6	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Labor: from Bologna, Italy to Decatur, Ill. — tackle threat .N	July	17	30	
Dow-Iranian joint venture .N	Aug	14	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	VCM-cancer link prompts search for packaging substitutes .N	July	31	19	
European plastics demand heads down, prices up (table) .N	Nov	6	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11	Bendix's Launch Support Div. will undertake's search of VCM exposure .N	July	31	32	
Flammability consent from 25 manufacturers .N	Aug	21	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Foster Grant's Brazilian joint venture in plastics .N	Nov	6	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Germany's Henkel & Cie developing plastic containing heavy concentrations of carboxyl groups that would attract dirt .N	Dec	11	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
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Polymer 74: U.S. firms ring up \$3 million in sales at Moscow plastics show .N	Dec	18	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Resins are ready to bottle up beverage market. Belgian's Solvay to introduce polyacrylonitrile barrier resin in beer bottles .N	Oct	2	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
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Synthetic resins: Despite "stagflation", output to go up in 75 (chart) .N	Dec	18	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Table lips keep spills off passengers .N	Oct	30	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Thermoplastics: shortages will keep lid on thermoplastics through '75 (chart) .N	July	3	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
U.S. Commerce Dept. predicts 13% chemical sales rise in '75 (chart) .N	Nov	13	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
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Floor polishes: PE emulsions are picking up support as regulations, costs and rising insurance rates hit solvent-based systems .N	Nov	20	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
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Polyolefins — Output of major polyolefins outpaced consumption during Sept. .N	Nov	27	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Polyols — Prices of polyols used in making urethanes .N	Aug	7	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Polyphosphate — New method of making aqueous polyphosphate solutions developed, first product, Kalipol 18 detergent builder .N	July	10	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Polypropylene			Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Cellulose substitute made from PE and PP .N	Dec	4	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Fiber makers trim output to ride out textile slump .N	Dec	4	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Hercules adding PP conversion capacity .N	Dec	4	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Hercules curtails fiber production at Oxford, Ga. and Covington, Va. plants .N	Dec	4	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Northern Petrochemical's plans .N	Sept	4	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Novamont patent suit cleared up; Novamont to license two catalyst PP patents .N	Sept	4	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Exxon sues Toho Titanium for infringing Japanese versions .N	July	24	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Producers can't make polypropylene fast enough (table) .N	July	24	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Propylene supplies: Two more years of catch-up .N	Sept	11	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Polystyrene			Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Arco/Polymers' expandable polystyrene plant Beaver Valley, Pa., will be onstream late this year .N	Sept	4	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
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Polyvinyl Chloride			Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
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What's ahead for vinyl makers: slowdown or end of the road? (chart) .N	July	3	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
Goodrich plans PVC plant in Louisville, Ky., despite VCM controversy .N	July	17	Polyimides — Du Pont's polyamide resins unit at Wilmington, Del. .N	Sept	25	11					
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Tough week for vinyl: Senate hearings; ban on household sprays containing VC; FDA prepares regulation; Ohio meat wrappers bring suit against Good-year T&R and Borden	Aug 28 14	Chemical Week 300 — report (tables) Aug 21-28	Nov 20 42	UC order processing goes to fully automated computer system	Aug 7 18
OSHA-sponsored economic impact report on VC standard spurs controversy		Uniray's Flex-Light photopolymer elasticomer printing plate for flexographic printing	Nov 27 34	Pyrolysis	
How new technology can solve emission problems at vinyl plants — letter	Sept 18 22	Delivery times are leveling off, but prices still climb (table)	Oct 2 26	Closed-cycle system uses pyrolysis to make activated carbon from primary sludge. Processes for recovery of energy by pyrolysis of solid wastes seem about ready to pay off for the CPI	July 10 27
VCM exposure: What standards can industry really live with? (table)	Sept 18 66	Mobay will join with Improved Machinery in new line of reaction-injection-molding equipment for processing urethanes	Nov 20 64	Pyrotechnics — Consumer Product Safety Comm. proposes ban on firecrackers; other fireworks are not affected	Dec 11 53
Chemicals and cancer: spotting the link before it's too late	Oct 2 5				July 3 17
OSHA's rules spur suits					
Most of the time, 'it can be done' — Viewpoint	Sept 25 15				
Christmas trees: artificial tree sales					
Ethyne expansions can't keep up with demand (chart)					
Firestone Plastics begins construction of new PVC plant adjacent to existing Perryville, Md. unit	Nov 27 5				
Homopolymers prices	Aug 18 20				
KemaNord's Stockvin, Sweden, plant will try air-jet ventilation to protect workers from VCM exposure	N Aug 7 35				
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Tartaric Acid — D-tartaric acid may be synthesized commercially in Japan		N	Dec	4	39	Thailand		United Nations	
Taxation	Bauxite mining countries pressure aluminum makers, Guyana sets tax	Oct	9	15		Mitsui-headed Japanese consortium is pulling out of a petrochemical complex	N Sept	11	15
Canada: Saskatchewan is moving to take over privately owned potash industry	N	Oct	30	9		R Dec	11	39	Oct 23 21
Canada dilemma: resources affect, tax bills racial		Aug	14	11	Polystyrene plant	R Oct	16	24	July 31 21
CPI leaders like Ford's call for 10% tax credit		Oct	16	18	Thiocyanate — Witco expanding capacity	R Oct	16	24	Nov 20 24
Congress not likely to act on trade and taxes in the lame-duck session before Christmas adjournment	N	Nov	27	14	Thioglycolate — Witco capacity	R Oct	16	24	July 31 33
Congress not likely to pass a tax on "windfall" oil profits this year	N	Nov	6	14	Threonine — Growth in demand	N Oct	30	19	July 10 29
Congressional economic stimulus likely to come in two forms: indirect aid to the unemployed and tax relief for the lower brackets	N	Nov	20	35	Tires				
FIFO-to-LIFO shift see Financial					Auto sales slowdown is squeezing industry's chemical suppliers	Nov	13	16	
International Bauxite Assn. meeting in Georgetown, Guyana, to discuss pricing strategy					Chemical Week 300 — report (tables)	Aug 21-29	20	39	
Oil depletion allowance end predicted: price hikes could hurt rubber					Firestone says its 500-series steel-belted bias tires meet requirements for Federal Motor Vehicles Safety Standard 109	N Sept	25	23	
Overseas-based employee: new tax proposal would end exclusions, tax overseas employees on their full salary	N	Oct	9	10	Indian plant planned	R July	17	35	
Plant sites 1975 — report John M. Winton State-by-state comparison of corporate income, sales, vehicle fuel, franchise and severance taxes (tables)		Oct	23	36	Radials: Du Pont's Kevlar makes debut as a tire belt	N Sept	25	23	
Puerto Rico putting into effect immediately a new tax exemption schedule	N	Sept	18	17	Radials: Goodyear's premium-priced radials use Kevlar instead of steel	N Sept	25	23	
N Reynolds' bauxite operations in Guyana face uncertain future as tax issue persists		Oct	16	20	Radials: Michelin's glass-belted radials	N Sept	25	23	
Senate subcommittee report showing that unduly liberal tax rules help the multinational oil companies reap excessive profits disputed by API and N.Y.'s Chase Manhattan Bank		Dec	11	13	Titanium — Biomaterials meeting hears how hydrogels, porous titanium and plastics improve success rate of restorative surgery	Nov	27	41	
Tax break for recycling of certain scrap materials is in the works	N	Oct	9	10	Titanium Dioxide				
Tax reform					Du Pont plants plant in De Lisle, Miss., considering plant in Europe N July 24-9, N Aug 14-23	Aug 14	24		
Faster write-off for investment in "short-age" industries discussed	N	July	3	14	Edge Moor, Del., plant capacity to be upped	Aug 14	24		
Look for major action by the 94th Congress	N	Dec	4	14	NL Industries will add capacity at Nordernham, West Germany, plant	N Aug	14	23	
Oil depletion allowance: a rapid phase-out is a real possibility	N	Aug	14	10	Prices N July 17-39	N July	24	23	
Texas' state manufacturing tax on petroleum products could cost Texas Conoco's new oil refining and petrochemical complex		July	24	15	Sherwin-Williams to sell its Ashtabula, O., pigment operations to SCM	R Oct	9	17	
Trojan producers will get 14% depletion allowance if new bill is signed	N	Oct	23	17	Shortages likely to continue until mid-1976	R Aug	14	24	
Technology — Japan: "New from Japan," a biweekly report series available from GE	N	Sept	18	63	Titanium Trichloride — Prices	N Oct	16	27	
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ANIC — Sales and earnings, 10 months in '74	Dec	11	Die makers ponder pleats	Sept	25	18	British Nuclear Fuels Ltd. — New way to dispose of high-level radioactive wastes is in the works	N	Oct	30	31		
Single-cell protein plant on Sardinia being built	N	Dec	4	Round two on dyes	Oct	30	13	British Oxygen — Airco: BO's 35% stake in Airco is anticompetitive, FTC judge rules	N	Nov	6	19	
Anlin Co. of New Jersey — Sulfur recovery operations will be stepped up	N	Aug	7	Barber Oil Exploration — Oil and gas exploration program in Texas	R	Sept	18	24	British Petroleum — Acquisition of Netherlands' Trouw International and Britain's Cooper Nutrition Products	Dec	4	35	
Anlin of Illinois — Sulfur recovery to be boosted at refineries near Wood River, Ill.	N	Aug	7	Battelle's Columbus Lab. — Hot tapping methods for welding connections onto operating pipelines	N	Dec	4	39	Single-cell protein plant on Sardinia being built	N	Dec	4	35
Ansul Co. — Dover Chemical acquisition	R	July	31	Bausch & Lomb — Contact lenses: B&L and three coplaintiffs charge Automated Optics with infringement of patent involving contact lenses	N	Sept	4	13	British Steel — Ethylene plant joint venture	R	Nov	6	42
Apco Oil — Partner in Shell's refinery venture in Iran	N	Dec	4	Baychem — Calina Industries files price fixing suit against dye makers	N	Sept	18	22	Brunswick Timber Products — Acquired by Fiberboard	Sept	4	14	
Applied Automation — Phillips Petroleum butadiene plant in Borger, Tex., placed under computer control	N	Aug	21	Round two on dyes	Oct	30	13	Bufete Industrial — Services for terephthalic acid plant in Mexico	Dec	4	36		
Aquachlor — Calcium hypochlorite at Kempton Park plant	R	Sept	18	Chemagri Div. plans intermediate chemicals plant, pollution abatement and waste treatment facilities	N	July	24	16	Bulk Terminals — Chicago residents file suit over storage tank leak	R	July	3	13
Arad Chemical Industries — Chemical industry investment program	N	Sept	11	Beatrice Chemicals — Sales and earnings — fiscal year	Oct	9	19	Bunker Hill Co. — Lead poisoning probe at smelter in Kellogg, Ida.	Oct	9	16		
Arca Chemicals, Inc. — Martin, Diane, vice president — letter	N	Oct	2	Bechtel — OCRA-sponsored look at the costs of transporting synthetic fuels to the market place	N	July	31	15	Burroughs Wellcome — DES damage suit filed by Detroit-area residents	Sept	25	18	
Archer Daniels Midland — Soybean plant damaged by rail yard explosion in Decatur, Ill.	N	July	31	Saudi Arabian industrial zone plan	N	Aug	7	14	C				
Arco Chemical — Ethylene expansions can't keep up with demand (chart)	July	24	24	Sept	4	13	CdF-Chimie — French CPI growth recipe takes on Mideast flavor — report: Albert H. Kisin	Oct	30	21			
Ethylene plant in Channelview, Tex.	N	July	3	Round two on dyes	Sept	18	22	Reorganization includes full ownership of Ugilor	N	Aug	14	51	
Pitts, Paul R., at CRRA/CDA meeting	N	Sept	18	Chemagri Div. plans intermediate chemicals plant, pollution abatement and waste treatment facilities	N	Sept	30	13	Technology and 15% share in Qatar ethylene complex	N	July	10	23
Arco/Polymer — Polystyrene (expandable) plant in Beaver Valley, Pa., will be onstream late this year	N	Sept	4	Beatrice Chemicals — Sales and earnings — fiscal year	July	24	16	CF Industries — Ammonia buyer from Donaldsonville, La., plant	Dec	4	18		
Polystyrene, expandable prices	N	Sept	4	Bechtel Foods — Acquires Dr-Print Foils	R	Oct	9	Donaldsonville, La., complex expansions	Dec	11	29		
Argonne National Laboratory — Battery research	Aug	28	Bechtel — OCRA-sponsored look at the costs of transporting synthetic fuels to the market place	N	July	31	CPC International — Mercury mix-up leads to slaughter of many calves in Europe	Aug	7	22			
Argus Chemical — Epoxidized soybean oil prices	N	Aug	28	Sept	11	38	Strikes hit four corn wet-milling plants	July	10	16			
Arkansas Eastman — Organic intermediates and hydroquinone plant in Batesville, Ark.	N	Sept	11	Saudi Arabian industrial zone plan	N	Aug	7	22					
Arkansas Louisiana Gas — Plywood manufacturing operations at Gurdon, Ark., shutting down	R	Nov	27	Sept	4	13	CPC Sas van Gent — Mercury mix-up leads to slaughter of many calves in Europe	Aug	7	22			
Arka Chemical — International Paper to purchase timbers	R	Nov	27	Sept	18	15	Cabe Land Co. — International Paper acquires timberlands	July	7	22			
Plywood manufacturing operations at Gurdon, Ark., shutting down	R	Nov	27	Beckman Instruments — Process converts cellulose into glucose that can be used to grow single-cell protein	N	July	31	Cadillac Cable Corp. — Ag-MET's subsidiary	Sept	18	24		
Armstrong Cork — Asbestos precedent set in Supreme Court decision on Borel case	N	Oct	30	Bechtel International — Instrument line designed specifically for chemical plants and refineries	N	Aug	21	Calgon — Activated carbon expansions	Nov	6	21		
Asahi Chemical Industry — Acrylonitrile fibers unit at Ballina	N	Sept	18	Beicip — LDPE plant for Iraq	N	Sept	18	at Catlettsburg, Ky., and Feluy, Belgium	July	17	17		
Executives are trimming their own pay as an example to their employees	N	Nov	13	Beker Industries — Diversification: flirting with phenolics	July	31	California-Pacific Utilities — Oregon's ban on new hookups for natural gas will not immediately affect CPI firms in the area	Oct	9	19			
Sales and earnings: '74 six months	N	Nov	13	Phosphate rock deposit in Florida	July	31	Calina Industries — Dye price fixing suit against dye makers filed	Sept	18	22			
Asahi Glass — Urethane polyol joint venture plant	N	Nov	27	Acquisition completed	N	Aug	28	Round two on dyes	Oct	30	13		
Asahi Synthetic Fibre Ireland — Acrylonitrile fibers unit at Ballina	N	Sept	18	Belcher Oil — Florida: Manatee County voters reject proposal for \$320-million refinery	N	Sept	25	Caltech — Marine energy farm will be developed off the California coast	July	31	32		
Maleic anhydride plant will be built in Wayne County, W. Va. N Aug 7-13	R	Aug	7	Round two on dyes	Sept	18	Calvert Exploration — Merged into Sun Calvert	R	Aug	7	19		
Von Doersten, Edward A., president: He traveled his way to the top	N	Aug	14	Bell & Howell — Eastman Kodak agrees to sell competitors advance data on new film products settling antitrust suit	July	17	Canadian Industries Ltd. — ICI consolidates all operations in the Americas into ICI Americas	N	July	3	22		
				Bendix — Launch Support Div. will undertake survey of VCM exposure in VCM and PVC plants	N	July	31	LDPE plant in Alberta planned	N	Sept	4	9	
								Sales and earnings — first-half '74	N	Aug	7	29	
								Third-quarter '74	N	Nov	13	29	

Candel Oil — Looking for a buyer for its 6.9% share in Petrofina tar sands project	Dec 18	20	Church & Dwight — Getting new-fangled with an old-time product	Dec 4	33	Discrimination decision by U.S. Supreme Court: company will pay back wages to male as well as female day-shift inspectors	Aug 14	16
Capoex Shipping Services Ltd. — Ocean freight and shipping brokerage firm set up	N July 17	17	Chrysler Corp. — Catalytic converters: Details on an alternative beginning to surface	N Aug 28	31	Sales and earnings: second-quarter 74	July 3	11
Carbonate (India) Ltd. — Calcium carbonate plant at Tarapur	R Aug 14	47	Catalytic converters: first reformulated catalyst converter system for emission control	Oct 30	27	Corporacion Venezolana de Guayana — Japanese interests in Venalum aluminum smelter in Guyana reduced	N Aug 14	51
Carey, Philip Corp. — Asbestos precedent set in Supreme Court decision on Borel case	Oct 30	13	Zola's multicolor finishes for interior trunk space	Oct 9	45	Cosden Oil & Chemical — Process that simultaneously polymerizes and emulsifies ethylene resin	Dec 11	37
Cargill, Inc. — Evaporative salt plant in Hutchinson, Kan., expansion	R Aug 21	15	Cia. Vale do Rio Doce — Aluminum smelter and hydroelectric development project to be built near Belém	N Oct 2	25	Cotton, Inc. — Dilute sulfuric acid can remove linters from cotton seeds in new process	N July 24	28
Hybrid wheat	Aug 28	11	Iron ore pellet plant to get foreign investments	N Aug 21	23	Crain Industries — European process.		
Caroel Corp. — Polyester chip plant will be built in Fayetteville, N.C.	N Aug 7	13	Ciba-Geigy Corp. — Acquisition of Fibreite Corp.	R Aug 28	16	Foamax, to make flat urethane slab stock is drawing U.S. interest	N Sept 4	31
Carolina Power & Light — Nuclear power slowdown	Aug 14	19	Airwick Industries' shares will be boosted to 100%	R July 31	15	Crawford & Russell — Contract from Tenneco for conversion of Flemington, N.J. facilities	R Aug 28	16
Carter-Wallace — Acquisition of North Simon's Denver Chemical	R Dec 18	21	Dyestuff makers deny "criminal conspiracy"	N July 24	9	VCM emission control sought	Sept 18	66
Arid antiperspirant: FDA advisory panel questions safety of antiperspirants containing zirconium	Dec 11	16	Caling Industries files price fixing suit against dye makers	Sept 18	2	Creusot Loire Enterprise — Ammonia plants for Russia	R Aug 14	47
Lambert Kay Div.: Dow's pesticide, fosfipate will be used in flea collars	N Aug 7	24	Dye makers ponder pleas	Sept 25	18	LDPE plant for Iraq	N Sept 18	37
Cascade Natural Gas — Oregon's ban on new hookups for natural gas will not immediately affect CPI firms in the area	Oct 9	19	Round two on dyes	Oct 30	13	LNG-3 or Eurogas: contract for the world's largest plant awarded to a consortium of companies	N	
Casevone & Co. — North Sea oil ante up	Dec 11	13	Diazinon: rise in Rocky Mountain spotted fever incidences causes widespread spraying of diazinon	July 17	23	Crompton & Knowles — Dyestuff makers deny "criminal conspiracy"	N Sept 11	15
Cassella Farwerke, Mainkur — Sales and earnings	R Sept 18	47	Sales and earnings — first-half 74	N Aug 7	29	Caling Industries files price fixing suit against dye makers	N July 24	9
Castile Chemical — Cement additives	July 10	19	Tanner, Chas. S. purchased	R July 10	16	Dye makers ponder pleas	Sept 18	22
Catalytic Inc. — Contract for Dow Badische caprolactam plant in Calvert, Ala.	N July 3	19	Cie. de Saint-Gobain Pont-a-Mousson — Certain-feed completes stock sale	R Oct 16	24	Round two on dyes	Sept 25	18
Celanese Corp. — Acetal and nylon resin prices	N Sept 18	31	Climax Molybdenum — Molybdenum expansion planned, supply	N Oct 2	19	Dyes & Chemicals Div. — textile dye consumption will rise 4% in the U.S. next year, says Alcorn	N Dec 18	35
Acquisition of Whittaker's Narmco Materials Div.	N Oct 23	67	Molybdenum product prices	N Sept 18	31	Crossford Pollution Services Ltd. — Sealosafe, a mechanical-chemical polymerizing process	N Nov 20	63
Consents to injunction against selective disclosure of financial information	N July 24	9	Coalcon Co. — Coal liquefaction demonstration plant planned	N Oct 2	9	Crown Central Petroleum Corp. — Partner in Shell's refinery venture in Iran	Dec 4	20
Elliot, Eleanor Thomas: Election to board completes search for female director	Oct 2	13	Coast Pro-Seal — Acquired by Essex Chemical	R Sept 4	14	Crown Zellerbach — Pulp facilities at Port Angeles, Wash. being modernized	R July 17	24
FPC's new natural gas pricing system will have little effect on CPI	July 3	11	Coathylene S.A. — Acquired by Celanese Coatings	R Oct 9	17	Sales and earnings: second-quarter 74	R July 17	21
Intermediate capacity expansion at Bishop, Tex.	N Oct 16	13	Coca-Cola Co. — Plastic bottles: Monsanto's Lopac will be used by the end of '74	Sept 11	37	Cutter Laboratories — First antirabies serum of human origin, Hyperab, okayed by FDA	July 3	12
Methanol capacity additions at Bishop, Tex.	N Oct 16	13	Monsanto's Cycle-Sale resin bottles named Easy-Goer	Dec 4	29	D		
Methanol prices N Aug 7-35, N Nov 20-45	N Oct 27	25	Colgate-Palmolive — Gels, baking soda seek share of dentifrice market	Sept 4	18	DAP — VCM aerosols ban on DSM — Columbia Nitrogen see under name	Oct 16	20
Pentaerythritol expansion at Bishop, Tex. R July 3-13	N Oct 16	13	Collier — Ammonia expansion	July 17	42	Petrochemical expansion plans being firmed	N Oct 9	57
Soltex Polymer acquires HDPE operations, including Deer Park, Tex. plant	N Oct 2-9		Colony Development Operations — Shale oil plant in Garfield County, Colo., construction suspended	Oct 16	24	VCM and PVC plants plans studied	N Sept 11	25
Thermoplastic polyester resin prices	N Aug 28	19	Columbia Nitrogen — Ammonia plant in Augusta, Ga.	R Aug 14	47	Dainippon Ink & Chemicals — Sales and earnings: six-month period ended Sept. 74	N Nov 27	37
Celanese Canada — Polyester plant in Milhaven, Ont. expansion	R July 24	16	Comalco — Aluminum complex for Philippines	Sept 18	47	Dan River's Danville Div. — Sager, G.C. on fibers	Aug 21	20
Sales and earnings — third-quarter 74	N Nov 13	29	Combustion Engineering — Contract with OCR for coal gasification process unit in Windsor, Conn.	R Dec 11	15	Dart Industries — Polypropylene capacity (table)	July 31	23
Celanese Coatings — Acquisitions of Plastolabor S.A. and Coathyrene S.A.	R Oct 9	17	W.F. developed a process for OCR to produce low-Btu gas	N Dec 11	58	Sales and earnings: second-quarter 74	July 17	21
Celanese Mexicana — Acrylate esters plant at Coatepeque, Vera Cruz	Dec 4	36	Commercial Solvents Corp. — Ammonia fertilizer plant in Sterling, La.	R Aug 14	16	Titanium trichloride prices	N Oct 16	27
Cellulosa y Derivados — Toluene discyanate plant in the Coatzacoalcos-Minatitlan area	Dec 4	36	Dividend	R Aug 28	16	Data General — Mini-computers looking for process industries work	N Oct 9	64
Cement Asbestos Products — Acquired by Asarcos	R Oct 23	28	Merger with International Minerals & Chemical may be approaching	July 10	14	Davidson Associates — Sweet Smell of Success seminar and workshop on fragrances	Nov 20	61
Cenlar Associates — Proposals for the nation's first gas centrifuge plant	N Nov 13	39	Compac Industries — Forget-Me-Not Watersticks	Sept 4	14	Dead Sea Bromines — Chemical industry investment program	Sept 11	46
Certain-feed Products — Glass-fiber plant in Wichita Falls, Tex., construction halted	N Dec 18	35	Conchenco — Detroit chemical coatings plant to be closed	Oct 23	28	Dead Sea Perclease — Chemical industry investment program	Sept 11	46
Stock sale to Cie de Saint-Gobain Pont-a-Mousson completed	Oct 16	24	Consolidated Mining & Smelting Co. of Canada — Strike prospects appear bright for a settlement	Sept 25	18	Dead Sea Works — Chemical industry investment program	Sept 11	46
Chemetron Corp. — Air gases prices	N July 31	18	Consumers Power — Quoncasse nuclear station plans scrubbed	Aug 14	19	DeBell & Richardson — "The Decline and Fall of Solvent-Based Adhesives" study	Oct 16	30
Gallagher at N.Y. Soc of Security Analysts: Boosting profits with pigments and other specialties	July 10	16	Container Corp. of America — Marcor see under name	Oct 30	14	DeKalb Ag-Research, Inc. — Hybrid wheat	Aug 28	11
Phosgene and phosgene derivatives capacity addition at Laporte, Tex. plant	N July 3	13	Continental Can — Dividend	R July 10	13	Delta Air Lines — Suits filed against Exxon and FEA's Sawhill for government failure to enforce new aviation fuel guidelines	R Aug 7	19
Chemical & Pollution Services — Acquired by UOP	N Sept 18	24	Reciprocal buying charged	Oct 2	36	Denka — Chloroprene rubber plant site will be Eemshaven, Netherlands	N Dec 18	17
Chemical Construction — Contracts to several U.S. equipment makers for components to be used in four ammonia plants for the USSR	R Dec 11	39	Ultraviolet curing of can coatings: expansion can be jeopardized by compliance dates of Clean Air Act	July 17	22	Denver Chemical — Carter-Wallace to buy DC	R Dec 11	21
LNG-3 or Eurogas: contract for the world's largest plant awarded to a consortium of companies	N Sept 11	15	Continental Oil — Alumina plant at Lake Charles, La., planned	Aug 14	66	Derviados Sintetico — Urethane plant in Nuevo Leon, Mexico, planned	Dec 4	36
Chemical Corp. of America — PE emulsions' market	R Dec 11	37	Consolidation Coal Co. Div. — Blast furnace coke plants using a new process will be built in Japan and "other parts of the world"	R Oct 23	70	Deuterium Corp. — Patent battle with AEC over use of dual-temperature isotope-concentration system: company wins \$1,495,000 judgement	N July 17	29
Chemical Design — Activated carbon absorption unit to control VCM emissions being installed at Tenneco's Pasadena, Tex. plant	Sept 18	66	Ethyene expansion can't keep up with demand (chart)	July 24	24	Deutsch, Shea & Evans — Engineer/Scientist Demand Index	N Dec 11	57
Chemical Engineering — Technical advisor for Bangladeshi plant	N Dec 11	41	Ethyene plant joint venture	R Nov 6	42	Nationwide survey finds technological job crunch is fast fading (chart & table)	Oct 9	12
Chemical Leaner Tank Lines — IMC suspends merger talks	N Nov 27	22	Linear alcohols capacity boost	N July 24	24	Deutsch Rhodiogel — Synthetic fiber makers (9) found guilty of price fixing will pay \$1.4-million fine	N Nov 27	37
Chemische Werke Hüls — Sales and earnings: first-half '74	N July 10	123	PPG dispute over natural gas supply settled	N Oct 23	70	Deutsche Zellwolle — Synthetic fiber makers (9) found guilty of price fixing will pay a \$1.4-million fine	N Aug 28	19
Chemolimpex — U.S. pesticide sales to Hungary expected to increase	N Nov 20	57	Refinery plans scrapped	N July 27	21	DeWitt & Co. — Benzene supply and demand forecast	Sept 11	27
Chemsorb Inc. — Cement additives	N July 10	19	SNG — High-Btu SNG starts flowing to homes in County Fife, Scotland	N Aug 21	39	Propylene outlook	Sept 11	27
Chessie Resources Inc. — Oil and gas exploration program in Texas	R Sept 18	24	Texas' tax on petroleum products could cost Texas Conoco's new oil refining and petrochemical complex	July 24	15	Propylene supplies seen tight through 1975	N Aug 28	19
Chevron Chemical — Dibrom 14 to fight mosquitoes	July 31	14	Cooper Laboratories — Ethyl Corp. purchasing shares	R Oct 30	14	Diagnostic Data — Anti-inflammatory drug, Orgotein, to be produced in England	R Aug 28	16
Impact statement smooths path of \$100-million refinery expansion approval by government, providing study that pulls no punches	Nov 13	40	Health products lines receive purchase offer	R Aug 21	15	Diamond Crystal Salt — Buys land for possible rock salt mine	July 3	10
Chicago, Rock Island & Pacific Railroad — Merger into Union Pacific faces long haul	N Nov 20	22	Cooper Nutrition Products — Acquired by BP	N Dec 4	35	Diamond Shamrock — Battleground chlorine plant near Houston marks the first commercial use of a new expandable, dimensionally stable anode and modified diaphragm	N Nov 27	45
Chisso Corp. — Chiba prefecture government and Chisso will share cost of building houses for people who live near the PE plant at Gori that was damaged by an explosion and fire	N Dec 18	25	Copperweld Corp. — Forms a subsidiary, Copperweld Southern, to operate its Fayetteville, Tenn., copper clad aluminum wire plant	N Nov 13	16	Chlor-alkali prices	N Sept 4	17
			Copperweld Southern — Formed to operate Fayetteville, Tenn., copper clad aluminum wire plant	N Nov 13	16			
			Corning Glass Works — Asbestos precedent set in Supreme Court decision on Borel case	Oct 30	13			

FTC will issue complaint against interlocking directors	July 3	12	Dow Chemical Europe — Iranian venture to make petrochemicals and plastics	Aug 14	9	Sales: fiscal sales reporting system revamped	Nov 20	17	
Manganese capacity at Chemetals Div. plant in Kingwood, W. Va. expansion	July 31	15	Dow Chemical of Canada — B.C. petrochemical complex proposed	Aug 7	29	Sulfuric acid prices	July 31	18	
Polypropylene capacity (table)	July 31	23	Canadian governments trying to block approval of proposal to export ethylene	July 17	17	Tank car loaded with MMN explosion suspected source of rail-yard disaster in Washington	Aug 14	16	
Sales and earnings: second-quarter '74	July 17	24	Petrochemical complex on Strait of Canso possible	Aug 14	9	Teflon K can prevent dusting of powder with process from Harshaw Chemical	July 24	28	
July 3-11	July 16	22	Phenoxy expansion at Ladner, B.C.	July 31	9	Textile Fibers Dept's Baby at AMA says world population growth will boost man-made fiber consumption	Oct 16	35	
Third-quarter '74	Dec 18	20	Styrene-butadiene latex plant in Varennes, Que.	Aug 14	47	Titanium dioxide plant planned in Lisle, Miss.; considering plant in Europe	Oct 23	55	
Estimates and projections from Cash to Horizon security analysts	July 17	35	Dow Corning — One-component urethane adhesive introduced at NHC	Sept 4	14	N July 24-9, N Aug 14-23	Aug 14	24	
Diamond Shamrock Canada — PVC plant planned	Aug 14	51	Silicon plant at Carrollton, Ky. slated	Aug 14	14	Edge Moor, Del. plant capacity to be upped	Aug 14	24	
Dictaphone Corp. — Gas detection systems	Dec 18	40	Silicon product prices	July 17	39	Titanium dioxide prices	July 24	23	
Digital Equipment — Microcomputers	Nov 13	35	Silicon prices N Sept 11-25	Sept 25	23	West Germany's fiber industry abbreviated workweeks are becoming the rule	Oct 7	20	
Distrigas — Algerian natural gas contracts getting tougher to obtain	July 10	10	Surfactants prices	July 31	18	Wilmington, Del. real estate people angered by employee relocation policy	Aug 7	29	
Distigui — Rhone-Poulenc will take over PCUK interests	Aug 14	51	Dravo Corp. — Beltsheen's Sparrows Point, Md. plant to pilot new blast furnace coke technique	Aug 14	66	DuPont Canada — Sales and earnings: first-half '74	Aug 11	29	
Dixiayn and Austral Oil — FTC will issue complaints against interlocking directors	July 3	12	Calcium-based additive causes slurry to set up after several days into a clay-like material	Nov 20	67	DuPont (Deutschland) GmbH. — Sales and earnings 1973	July 17	35	
Doan Associates — Doan, Herbert D.: He helps get small firms off the ground	July 31	36	Dravo-Lurgi — Technology for Inland Steel's taconite pellet plant	Sept 25	19	Duval — Sulfur prices	July 31	18	
Domino Fertilizer — Sulfuric acid plant in Seadown, New Zealand	Dec 18	27	Dri-Print Foils — Acquired by Beatrice Foods	July 31	15	Dynaclectron — Hydrocarbon Research see under name			
Donau-Chemie — Rhone-Poulenc will take over PCUK interests	Aug 14	51	Dunlop Canada — Firestone T&R will purchase 100%	July 17	24				
Doric Scientific — Digital temperature indicators unveiled at ISA show	Aug 14	51	Dunlop Holding Ltd. — Firestone T&R will purchase 100% of Dunlop Canada	July 17	24				
Dover Chemical — Acquired by Ansu Co.	Nov 31	15	Dupenal — ICI consolidates all operations in the Americas into ICI Americas	July 3	22				
Dow Badische — Acrylic fiber capacity at Williamsburg, Va. plant to be increased	July 24	16	DuPont — Acrylonitrile prices	July 31	18				
Caprolactam plant in Calvert, Ala. planned	July 30	19	Aluminum chloride and aluminum sulfate prices	Oct 9	53				
Fiber prices	Oct 6	20	Apparel fiber prices	Aug 7	35				
Dow Chemical — Acquires acres near Freeport, Mich.	Nov 9	59	Applied Technology Div's "cookbook" method teaches managers, technicians statistical approach in finding answers to chemical questions	Oct 16	41				
Ag-Organic Dept's general manager Robert Naegeli: Behind jokes, this salesman is all business	Sept 27	56	Belle, W. Va. plant waste disposal: all Gulf Coast states are united against disposal in Gulf of Mexico	July 31	32				
Antifreeze market	Sept 4	31	Permit to discharge chemical waste into the Gulf of Mexico denied	Oct 9	17				
Arsenic: OSHA studies possible link between arsenic processing and cancer	Sept 11	20	Bio disc system will reduce biological oxygen demand in waste discharges at Chattanooga, Tenn., textile fiber plant	Nov 13	9				
NIOSH recommends that no detectable limit be set for inorganic arsenic use in the workplace	Nov 27	22	Bond offering: first U.S. public bond offering since 1921	Sept 11	25				
Bromine capacity boost	Nov 27	26	Carpet nylon prices	Dec 4	29				
Bromine prices	Oct 23	67	Dalor polyester resin to be used in Pepsi-Cola's plastic bottles	July 27	13				
Capital spending in 1974 and 1975 will be higher	Aug 14	9	DMT plant in Old Hickory, Tenn., shut down	July 24	9				
Caustic soda prices	July 24	23	Dyestuff makers deny "criminal conspiracy"	Sept 18	21				
Cement additives	July 10	10	Calina Industries files price fixing suit against dye makers	Sept 25	18				
Chlor-alkali plant in Japan faces opposition	Sept 18	37	Dye makers ponder pleas	Oct 30	13				
Derailed of tank car containing ethylene glycol n-butyl ether near Petone, Ill. causes evacuation of residents	Sept 18	24	Round two on dyes	July 24	24				
Ethylene expansions can't keep up with demand (chart)	July 25	19	Ethylenes expansions can't keep up with demand (chart)	Oct 23	28				
"Fuels" refinery near Freeport, Tex.: decision soon N Sept 11-15	Sept 18	17	Expansion plants at Memphis, Tenn.	Dec 4	31				
General Crude Oil merger talks Aug 21-13, Aug 28-13, Sept 11-19	Sept 18	24	Fiber makers trim output to note out textile slump	Sept 25	18				
Dow drops out of bidding; IP plans to consummate acquisition	Oct 16	13	Fiber optics material, PFX, that is a better transmitter	Dec 11	57				
IP moves a step closer	Nov 13	16	Fiber prices	Oct 30	19				
Glenmede Trust will sell GCO stock to IP	Dec 4	19	Froon 113 and 114 production at Corpus Christi, Tex., complex	Dec 4	29				
Germany: Stade expansion gets go-ahead	July 31	21	Inventories put on LIFO basis; third-quarter dividend raised	Aug 28	9				
Gerstacker calls for the imposition of government-supervised voluntary wage-price controls as a means of combating inflation	Sept 25	19	Kevlar makes debut as a tire belt	Sept 25	23				
Graft copolymers, "super slurpers", via for use in disposables	July 24	21	Lead alkyl prices N July 3-19, N July 10-18	Aug 28	19				
Gulf Coast hydrocarbon feedstock and energy refinery project	Sept 25	17	Methyl alcohol: formaldehyde, melamine prices N July 31-18, N Nov 6-25 N Nov 20-45	Nov 27	25				
Hydroscience Associates see under name Klomparens, Alden J. at CMRA/CDA meeting	Sept 18	32	Mexican hydrofluoric acid plant	Dec 4	36				
MacCutcheon discusses accident-prone employees at MCA safety seminar	Sept 18	21	Moca: 4-methylenobis(2-chloro aniline); PMA asks court to set aside worker exposure standards	Oct 30	14				
Magnesium plant will be based on modified present technology	Oct 23	17	Nylon-6/6 prices	Sept 18	31				
Mideast plans will include ethylene	Sept 18	17	OCITA's Dawson: Access to materials is top CPI concern in '75 trade negotiations	Nov 13	16				
Midland complex's strike may be over	Sept 4	9	Partial deregulation of surface transportation being pushed	Nov 27	14				
Labor settlement could set pay pattern for '74 contracts July 24-26	Sept 18	21	Patent infringement suit in use of Teflon-like material against Black & Decker, Ltd. and Whittford Plastics Ltd.	July 24	9				
OCR contract to evaluate three processes for suitability in providing chemical feedstock	Sept 11	38	Plastics Dept. — Haskell Labs developing more economical carcinogen screening techniques for chemicals	Dec 11	57				
Our Tivnick's Dow see under name	Partial deregulation of surface transportation being pushed	Nov 27	14	Plastics expansions: PE-based ionomer resin plant at Orange, Tex., Aldyl A PE pipe unit at Santa Maria, Calif. and polyamide resin unit at Wilmington, Del.	Dec 11	9			
Pesticide, isoproturon, will be used in flea collars	Aug 7	24	Pollution controls: company will spend \$175 million in '75	Nov 27	43				
Plant to formulate 1,2-dibromo-3-chloropropane pesticides will be built in Magnolia, Ark.	Oct 9	9	Polyester and polyimide film prices	Aug 14	23				
Plaquemine, La. ethylene plant shut temporarily due to fire caused by electrical power failure	July 31	18	Polyester materials for the beverage market	Sept 11	37				
Plaquemine, La. plant expansion program	Sept 4	14	Radiator chemicals survey at CSMA meeting	Dec 11	22				
Polyethylene prices N July 31-18	Aug 28	19	Russia discusses barter deal for acrylic fiber plant	Sept 11	45				
Polystryrene plant in Thailand	Dec 11	39	Safety records at Kinston, N.C., synthetic fibers plant and Richmond, Va., film plant	Sept 11	36				
Rumanian project considered	Oct 2	25	Sales: Estimates and projections from Shapiro to San Francisco security analysts	Dec 18	20				
Styron polystyrene and ABS expansions planned	Aug 7	19							
Vinylidene chloride: Italian reports suggest VIC may be carcinogenic	Oct 16	20							
Women: CPI firms seek painless path for bringing women into management	Aug 7	15							

Esso Chimica — Aliphatic solvents plant at Trecate to be built	N	Sept 25	31	Plant in Okla. will be joint venture with Agrico	N	Aug 28	9	Galaxy Chemical — Solvents plant in Little Elk Valley, Md.: NIOSH and EPA to study toxic pollution complaints	Aug 21	15
Esso Italiana — Aliphatic solvents plant at Trecate to be built	N	Sept 25	31	Anderson forecasts fertilizer shortages	N	Aug 7	35	Maryland bans chemical waste dumping	Sept 4	14
Lube oil unit near the Rasim refinery in Sicily	N	Sept 25	31	Farmland Transportation — Railroads: not car shortages, but the under-utilization of them is the main transportation problem	July	3	12	Garrett Research & Development — Conversion of municipal waste into synthetic fuel oil by new process may find work in Japan	Nov 20	64
Essochem Europe — Ethylene capacity expansion at Cologne, W. Germany; PE plant at Meerhout-Vorst, near Antwerp to be built	N	Sept 25	31	Faserwerke Huell — Abbreviated worksweeks are becoming the rule in West Germany	Oct	23	55	Flash-pyrolysis process will recover metals and glass and produce low-sulfur fuel oil for power generation	Dec 11	53
Estreino do Nordeste — Brazilian joint venture in plastics	N	Sept 25	31	Ferro Corp. — Fiber Glass Div. will convert its marble-melt-process plant in Nashville, Tenn., to electric melt	R	Oct 23	28	Gazocer — 5% of Qatar ethylene complex	July 10	23
Ethyl Corp. — Acquiring shares of Cooper Labs	N	Nov 13	9	Sales and earnings: second-quarter '74	R	July 3	11	Oman deal to build two ammonia plants and form a national tanker fleet	Sept 25	31
Antiknock compound prices N July 17-19, N Sept 4-17	N	Oct 30	14	Fiber Industries — Fiber makers trim output to ride out textile slump	Dec	4	31	General American Oil — FTC will issue complaints against interlocking directorates	July 3	12
Bromine capacity boost	N	Oct 23	67	Fiberite Corp. — Acquisition by Ciba-Geigy Corp.	Nov	13	General American Transportation — Terminals Div. raises its storage capacity	Nov 13	23	
Detergent-range alcohols buildup	N	Oct 23	70	Fibers Synthesis — Polyester filament yarn plant onstream	R	Aug 28	16	General Atomic Co. — PS of Colorado's Fort Saint Vrain HTGR reactor in startup phase	Aug 14	19
Lead alkyl prices N July 3-19	N	July 10	18	Fibreboard Corp. — Acquisition of Yuba River Lumber and Brunswick Timber Products	R	Aug 4	47	General Automation — Microcomputers	Nov 13	35
Lead-in-gas: EPA hasn't demonstrated health dangers, argues Ethyl	N	Sept 18	63	Calicium-silicate insulation plant near Grand Junction, Colo. planned	Sept	4	14	General Crude Oil — Merger proposals; International Paper deal off	July 17	21
Methylcyclopentadienyl manganese tricarbonyl to boost octane in unleaded gasoline	N	Nov 6	35	Finn-Cal Sugar Co. — To market fructose throughout North America	R	July 10	16	Dow makes tender offer	Aug 21	13
System for reducing automotive tail-pipe emissions without taking lead out of gasoline may be back in business	N	Sept 4	15	Firestone Plastics Co. — OSHA-sponsored economic impact report on VC standard sparks controversy	Sept	18	22	IP tires, tires again	Aug 28	13
Details are emerging	N	Nov 20	63	PVC plant adjacent to existing Perryville, Md. unit: construction begins	Aug	28	15	Dow out, Dow in	Sept 11	19
West Carrollton, O. paper mill sold to Falls Paper	N	Aug 21	15	Firestone Tire & Rubber — LIFO for domestic inventories reduces earnings in the fiscal year	R	Dec 18	21	Lawsuit continues to snarl IP's plans to acquire GCO	Sept 18	24
Exxon — Coal-gasification pilot plant construction in Baytown, Tex., to be deferred	N	Dec 4	39	Tires: 500-series steel-belted bias tires meet requirements for Federal Motor Vehicle Safety Standard 109 says company	Sept	25	23	Dow drops out of bidding; IP plans to consummate acquisition	Oct 16	13
Delta Air Lines files suit for failure of government to enforce new aviation fuel guidelines	R	Aug 7	19	Firestone Tire and Rubber Co. of Canada — Will purchase 100% of Dunlop Canada	R	July 17	24	IP moves a step closer	Nov 13	16
Esso Chemical Ltd. see under name				First Mississippi Corp. — Ammonia plant at Donaldsonville, La.	N	Nov 13	9	Glenmede will sell GCO stock to IP	Dec 4	19
Ethylene unit in Baytown, Tex., considered	N	July 31	6	Fish Engineering — Contract for natural gas plant for Argentina's Bahia Blanca complex	N	Nov 20	57	General Dynamics — Acquisition of World Southern's Charleston, S.C., facility from Pittsburgh-Des Moines Steel	Dec 11	15
Laser enrichment process for uranium	N	Aug 14	66	Fisons — Diagnostic Data's anti-inflammatory drug, Orgotein, to be produced in England	R	Aug 28	16	General Electric — AEC will shut 20 nuclear power plants; GE built to test for cracks	Oct 2	13
N.J. suit charges oil spills and leaks have created a synthetic "oil field" that is seeping into the water table at the edge of Lower N.Y. Bay	N	Oct 2	31	Fertilizer prices	N	Aug 7	29	Most plants given a clean bill of health	Oct 9	64
Polypropylene capacity (table)	N	July 31	23	Flexible Contact Lens — Contact lenses patent suit against Automated Optics	Sept	4	13	Battery research	Aug 28	27
President Garvin Jr. at N.Y. investment specialists meeting	N	Nov 20	23	Florida Gas Exploration Co. — Oil and gas exploration program in Texas	R	Sept 18	24	Japanese technology is available in "New from Japan," a biweekly report series	Sept 18	63
Puerto Rican nationalists suspected in N.Y. headquarters bombing	N	Nov 6	23	Fluor Corp. — Contract from OCR to revamp the Cresap, W. Va. plant to make it capable of piloting a variety of liquefaction processes	Sept	11	38	Nuclear deal: GE pulls out of a joint venture with Exxon Nuclear	Oct 2	13
Exxon Nuclear — GE pulls out of uranium enrichment joint venture	N	Oct 2	13	Footh Mineral — Accused of dividing world markets for lithium products	Sept	11	56	Polishes survey	Dec 11	22
Exxon Research & Engineering — New system for measuring density of LPG and LNG in large storage tanks	N	Dec 4	39	Barrett, Wayne T. president and chief executive officer: A researcher who found the profit formula	Sept	11	56	Polycarbonate sheeting Lexgard: one is bullet-resistant, the other item is dubbed Security Sheet	Oct 2	37
Patent infringement of PP catalysts charged against Toho Titanium	N	July 24	28	Newmont Mining makes tender offer for stock	Sept	11	33	Silicone prices N July 24-23	Sept 25	23
Patent suit with Novamont cleared up; Novamont to license two PP catalyst patents	N	July 24	28	Ford Motors — Auto makers aim to cut catalytic converter costs	Oct	30	27	Space Sciences Lab. — MHD efficiency is climbing	Oct 9	64
				Compact cars will feature luxury fibers, more glass and plastics	Sept	11	33	General Mills — Graft copolymers, "super slurpers" vie for use in disposables	July 24	21
FMC Corp. — COED process flowsheet — Coal liquefaction report. Donald P. Burke	Sept	11	39	Formoike Interests — Blast furnace coke plants using a new process will be built in Japan and "other parts of the world"; technique will be tested at Bethlehem's Sparrows Point, Md. plant	Sept	11	31	Sales and earnings: record year for G-P	Oct 9	17
Nitrosodimethylamine Baltimore plant converting to a closed process that permits production without human contact	N	Nov 20	45	Foster Grant — Brazilian joint venture in plastics	N	Nov 13	9	Gewin Chemical Corp. — Recovering polyester plastic from photographic film	Nov 6	21
Parkersburg, W. Va. rayon filament yarn capacity to be phased out	July	24	16	Foster Wheeler — Licensee of Stamicarbon process	July	17	28	Gibbs Oil — New England Energy Co. see under name		
Petroleum equipment business being expanded	R	July	17	USBM's contract for coal-liquefaction plant using the Bureau's Synthoil process	N	Dec 11	58	Gibbs Petroleum — Oil refinery in Sanford, Me.; FOIL members suing town over rezoning procedure	Aug 14	16
Phosphate and perborate products prices	N	Dec 18	35	Freepoint Minerals — Sulfur prices N July 31-18	N	Nov 20	45	Glanzstoff AG — Synthetic fiber makers (9) found guilty of price fixing will pay a \$14-million fine	Nov 27	37
Phos rock mine in North Carolina	N	Aug 21	9	Friaco — Noranda Mines purchases Olin's 38.5% equity in Friaco	N	Nov 20	17	Glenmede Trust — General Crude Oil merger talks July 17-21, Aug. 21-13, Aug. 28-13, Sept. 11-19, Sept. 18-24, Oct. 16-13, Nov. 13-16	Dec 4	19
Phosphorus trichloride and phosphorus oxychloride prices	N	July 3	19	Friendwood Development — Bayport, Tex. will discontinue use of groundwater in waste treatment pays water pollution fine	R	July 3	13	Good Hope Refineries — Ammonia expansions N July 3-6	July 17	42
Sales and earnings: second-quarter '74	N	July 17	21	Frizette Dodge & Olcott — Rogers, J.A., Jr., at 6th International Congress of Essential Oils	Sept	18	49	Goodrich, B.F. Chemical — Fluid-bed catalytic oxidation unit at Calvert City, Ky. plant destroys waste hydrocarbons, saves energy and recovers chlorine	Nov 6	31
Soda ash prices	N	Dec 4	29	GAF Corp. — Asbestos precedent set in Supreme Court decision on Borel case	Oct	30	13	PVC plant planned in Louisville, Ky. despite VCM controversy	July 17	20
FX Systems Corp. — Four new programmable multichannel systems displayed at ISA show	N	Nov 6	33	Dividend	R	July 17	35	Services for Indian tire plant	July 27	22
Factory Mutual System — Property loss in industrial fires has reached alarming proportions	N	July 24	28	Destuff! makers deny "criminal conspiracy"	R	Sept 25	14	Stock offering	Nov 13	16
Farbenfabriken Bayer AG — Brunsuettel complex: court overrules objections by nearby residents to proposals for waste and cooling water disposal	N	Sept 11	45	Calina Industries files price fixing suit against dye makers	Sept	18	22	VC: \$42 million will be spent to reduce VC exposure in plants	July 17	35
Growth plan: more production abroad, new product mix	N	Oct 2	21	Dye makers ponder pleas	Sept	25	18	Goodyear Aerospace — Constructs prototype of "the world's heaviest parachute" for space shuttle program	July 3	13
Sales and earnings, second-quarter '74	N	Sept 4	27	Round two on dyes	Oct	30	13	Goodyear Tire & Rubber — Beaumont, Tex., polysoprene plant fire and explosion take heavy toll	Dec 11	16
74 first-half	N	Sept 11	45	Polybutylene terephthalate plants	Sept	25	11	Ohio meat wrappers bring suit over VC injury to packers	Aug 28	14
74 nine months	N	Dec 11	41	Vermont governor wants company to reconsider shutdown of Hyde Park asbestos mine and mill	July	3	9	Polyester monofilament market	Aug 27	20
Slumps in fibers and plastics beginning to cause concern about next year's sales growth	Dec	18	27	Gafsa — Phosphate rock mining project granted loan	R	Aug 14	47	Radials: Premium-priced radials use Kevlar instead of steel	Sept 25	23
Smoking material called RCN will go into limited production next year	N	Nov 20	63	Gould Inc. — Automobile Battery Div.'s new process for manufacturing dry-charged Dynamic battery	Aug	7	37	Reflective polyester powder coating called Flexclad used on guardrails installed by Texas Highway Dept. at Houston interchange	Aug 27	20
Synthetic fiber makers (9) found guilty of price fixing will pay a \$1.4-million fine	N	Nov 27	37	Catalyst for reducing nitrogen oxides in auto exhaust successfully tested in Japan	Nov	13	36	Gould Inc. — Automobile Battery Div.'s new process for manufacturing dry-charged Dynamic battery	Sept 11	36
Farbwerke Hoechst AG — Fiber workers shifted to other departments	N	Oct 23	55							
Russian barter deal for a polyester fibers complex	N	Sept 11	45							
Sales and earnings, '74 nine months	N	Dec 11	41							
Slumps in fibers and plastics beginning to cause concern about next year's sales growth	Dec	18	27							
Synthetic fiber makers (9) found guilty of price fixing will pay a \$1.4-million fine	N	Nov 27	37							
Farmland Industries — Ammonia expansions	N	July 17	42							

Grace, W.R. — Acquires Redrock	R	July	3	13	Henkel & Cie, GmbH. — Detergent maker developing plastic containing heavy concentrations of carbonyl groups that would attract dirt	N	Oct	23	61	Improved Machinery Co. — Reaction-injection-molding equipment for processing urethanes joint venture	N	Nov	20	64
Acquisition of all outstanding shares of Red Barn Chemicals from Sun Ventures Div.	R	Dec	18	21	Hercules, Inc. — Adria Laboratories, joint venture see under name	N	Nov	27	13	Indian Farmers Fertilizer Cooperative — Ammonia and urea plant at Kalol	R	Dec	18	27
Acquisition of 70% of the shares of Columbus (Denver), an oil and gas producer and explorer	N	Nov	27	22	DMT production at Burlington, N.J., plant suspended	N	Nov	27	13	Industrial Bio-Test Laboratories — How they found vinyl-cancer link	July	17	30	
Acquisition of Transcontinental Oil planned		Sept	25	17	Fiber makers trim output to ride out textile slump	N	Dec	4	31	Industrias Bakolar — Plastics joint venture with Foster Grant in Brazil	N	Nov	13	9
Agricultural Chemicals Group's group executive James J. Galvin: Business pro makes it to top in ag chemicals		Sept	4	40	PE high-molecular-weight PE resins prices	N	Nov	13	23	Inland Steel — Metallurgical coal mine at McLeansboro, Ill., to be developed	R	Nov	13	16
Ammonia expansions N July 3-6	N	July	17	42	Polypropylene capacity (table)	N	July	31	23	Taconite pellet plant in New Virginia, Minn., planned	R	Sept	25	19
Cement additives		July	10	22	Polypropylene conversion capacity additions	N	Aug	21	19	International Business Machines — Magnetic bubbles in amorphous thin-film alloys	N	Nov	27	43
Coquillette at Chemical Industry Assn.: growth of the chemical industry and increased capital costs for new plants will smooth out supply-demand cycles and bring price stability, cites ethylene as an example		Nov	27	19	PP fiber production at Oxford, Ga., and Covington, Va., plants curtailed	N	Nov	27	13	International Marketing Associates — Leaky Pipe, a rubber hose made of old tires	N	Sept	4	14
Coquillette at Financial Analysts Federation: U.S. firms are brightest lights in glowing chemical future					Safety record at Magna, Utah, explosives plant	N	Sept	11	36	International Minerals & Chemicals — Acquires AMAX Carbon Products from AMAX Inc.	N	July	17	17
Hypol hydrophilic urethane diisocyanate prepolymer can be made into foam simply by adding water introduced at INDA show		Oct	16	19	Stock offering	R	Aug	14	16	Acquisition talks with Chemical Leaman				
Larkin, Felix E. chosen by N.Y. Governor Wilson to head "Little Hoover" commission to study the efficiency of the N.Y. state government		Nov	6	27	Terephthalic acid plant in Wilmington, N.C., resumes full production after fire	N	July	24	23	Tank Lines suspended	R	Nov	27	22
Phosphate expansion at Bartow, Fla.	N	Dec	11	29	Women: CPI firms seek painless path for bringing women into management	N	Aug	7	15	Ammonia fertilizer plant in Sterlington, La.	R	Aug	14	16
Phosphoric acid prices	N	Nov	27	25	Herculex Protective Fabrics — Insecticidal tape to kill roaches to be evaluated	N	July	3	27	Lemon: '74 earnings boost came as surprise, attributable to product demand				
Sales and earnings, second-quarter '74		July	10	15	Hercules Roach-Tape evaluation	N	Aug	21	43	Merger with Commercial Solvents may be approaching				
Grain Processing Corp. — Graft copolymers, "super slurpers," vie for use in disposables		July	24	21	High Voltage Engineering Corp. — Voltex, joint venture with Selskui in the U.S.	N	Sept	18	47	Potash capacity boost in New Mexico, expansion of Canadian potash operation in Esterhazy, Sask. considered	N	Aug	21	19
Granite City Steel — National Steel-GCS' 71 steel merger being restudied by Justice Dept.	N	Oct	9	10	Highland Resources — Ammonia joint venture in Donaldsville, La.	N	Dec	4	18	Railroads greater efficiency would do more than new cars to solve transportation problem				
Granite Oil — Refinery in the Rochester, N.H., area proposed		Oct	23	24	Hishi Plastics — Japanese projects in Belgium	N	Sept	18	45	International Nickel of Canada — Acquisition of ESB United Aircraft locked in bidding battle				
Grayson Associates — Davidson Associates' "Sweet Smell of Success" seminar and workshop on fragrances		Nov	20	61	Hispanoil — Sonatrach proposal would reopen talks for a supply program	N	July	31	21	Inco wins bidding duel Justice Dept. investigates				
Great Lakes Chemical — Bromine expansions N Sept 25-26, R Oct 9-17		Nov	27	26	Hoechst Fibers, Inc. — Made a division of American Hoechst and renamed Hoechst Fibers Industries	R	Nov	6	42	Nickel and nickel oxide sinter prices	N	Aug	7	19
Grimm, W.T. & Co. — Mergers reports July 17-21		Oct	16	22	Hoffman-La Roche — Puerto Rican subsidiary planned	R	Dec	18	21	International Paper — Acquisition of Arkla Chemical's timberlands	R	July	10	18
Grow Chemical — Reciprocal buying charged		July	10	13	Valum, Librium: Germany's Cartel Authority orders to cut prices	R	Nov	6	42	Acquisition of timberlands from Cabe Land and lumber mill from Gurdon Lumber				
Grumbacher, M. — Artists' colors		Dec	18	42	Home Oil — Shelves plans to build synthetic crude installation	N	Dec	18	20	Acquisition of US Steel's timberland in Mobile County, Ala., planned				
Guardian Chemical Corp. — Carbohydrate sweetener, Frutalose, introduced		Nov	6	37	Hoover Chemical — Battery research	N	Aug	28	28	Container Div. plans corrugated container plant in Russellville, Ark.				
Guilford Mills — Develops new way to add flame-retardants to polyester warp-knit fabrics	N	July	17	29	Chloro-alkali prices	N	Sept	4	17	General Crude Oil merger talks July 17-21 Aug 21-13, Aug 28-13, Sept 11-19 Dow drops out of bidding IP plans to consummate acquisition	R	Sept	18	24
Gujarat State Fertilizer — Ammonia-urea plant in Baroda planned	R	Aug	14	47	Chlorine-caustic plant in Tacoma, Wash., expansion	N	July	31	14	Acquisition moves a step closer				
Gujarat Tyres Ltd. — Tire plant planned	R	July	17	35	Detergent phosphate prices	N	Aug	28	19	Glenmede Trust will be allowed to sell GCO stock to IP				
Gulf + Western Industries — Monomer grafting joint venture	N	July	17	29	Hoover Chemicals & Plastics — Thionyl chloride plant at Taft, La.	R	July	10	16	Pollution case: Vermont-IP settle suit out of court				
Gulf Interstate Engineering — Pipeline to move natural gas to Corpus Christi	N	July	3	6	Horizons Research Corp. — Gerwin Chemical recovering polyester plastic from photographic film	N	Nov	6	21	Sales and earnings second-quarter '74				
Gulf Oil — Ethanol-from-municipal waste pilot plant planned	N	Oct	23	61	Humko Sheffield Chemical — Kopald, S.L. Jr., president: He can sell chemicals and candidates	N	Aug	28	32	Texarkana, Tex., pulp and paper mill expansion R Nov 20-24	R	Dec	4	19
Ethylenic expansions can't keep up with demand (chart)		July	24	24	Hummel Chemical — CPSC proposes a ban on firecrackers, other fireworks will not be affected	N	July	3	17	International Paper & Controls — KHD-Pritchard GmbH see under name				
Forms new energy resources development division, Global Energy Operations and Management	R	Aug	21	15	Hunt, Philip A. Chemical — Motorola planning acquisition		Nov	6	20	Interprovincial Pipe Line — Sarnia-Montreal crude pipeline may be built	N	Dec	4	35
Nitro carbamate plant near Quinnesee, Mich. damaged by series of explosions		July	31	15	Hydrocarbons Research Inc. — H-Coal process flowsheet — Coal liquefaction report Donald P. Burke		Sept	11	38	Ionicos Corp. — Activated carbon impregnated with a silver complex for water purification systems				
Refinery in Port Arthur, Tex., revamping studied	N	Aug	28	9	Hydro Optics — Contact lens: Alcon Labs expects "a lot of law suits" as a result of an agreement with HO to develop a soft hydrophilic lens	N	Aug	7	14	Israel Chemicals Ltd. — Chemical industry investment program				
Gulf Oil Canada — Study of possible routes for a pipeline to carry crude oil south from northern Canada	R	Oct	30	14	Hydroscience Associates — Oxygen wastewater treatment system	N	Dec	18	41	Israel Petrochemical Enterprises — Chemical industry investment program				
Gulf Resources & Chemical — Coal properties in Pennsylvania purchased	R	Sept	4	14	Reorganized	R	Dec	18	21	Israel Styrene Polymers — Chemical industry investment program				
Gurdon Lumber Co. — International Paper acquires lumber mill		Sept	18	24						Itoh, C. — Blast furnace coke plants using a new process will be built in Japan and "other parts of the world"	N	Aug	14	66
										Investment in Brazilian iron ore pellet plant	N	Aug	21	23

H

Haifa Basic Oils — Chemical industry investment program

Haifa Chemicals — Chemical industry investment program

Halcon International — Process for Oxirane's plants

Haldor Topsøe — Regeneration process may double or triple catalyst life in ammonia and hydrogen plants

Hamburg Tobacco Co. — Smoking material called RCN will go into limited production next year

Hammermill Paper — Earnings, second-quarter '74

Harris, Paul R. & Associates, Inc. — How much real profit growth? — letter

Harshaw Chemical — Strike still on

Teflon can prevent dusting of powder with new process

Hawkins Chemical — Rubber Masterbatch Color's business purchased from Reichhold Chemicals

Hawkins Chemical — Absorption process to remove sulfur dioxide from stack gas getting pilot plant test

Health-Chem Corp. — Roach killer, plastic-layered tape, is first controlled-release pesticide

IMS International — Chemindex includes data on about 5,500 molecules

Illinois Liquid Feed — Acquired by C. Brewer & Co.

Imperial Chemical Industries — Consolidates all operations in the Americas into ICI America

Drugs: joint venture in Japan

Fertilizer prices

Naphtha: 40% cutbacks in existing contracts with oil companies sought

Nationalization in Great Britain fought

N.J. suit charges oil spills and leaks have created a synthetic "oil field" that is seeping into the water table at the edge of Lower N.Y. Bay

Sales and earnings: '74 first-half

'74 nine months

Synthetic tobacco cigarettes containing NSM will be test marketed

Wright, Rowland to take over management reins as chairman next April

ICI America — Carbon, activated, prices

ICI consolidates all operations in the Americas into ICI Americas

ICI Australia — Redcliff project cost estimates tripled

ICI-Pharma Ltd. — Formed: ICI and Sumitomo drug venture

ICI United States — ICI consolidates all operations in the Americas into ICI Americas

Imperial Tobacco — NSM, tobacco substitute

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July 31 9

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Aug 7 21

July 24 28

July 10 16

July 31 32

Aug 21 43

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July 3 22

Dec 11 39

Aug 7 29

Dec 4 35

Aug 21 23

Oct 2 31

Sept 18 47

Dec 11 41

Aug 14 51

Sept 11 25

July 3 22

Sept 4 27

Dec 11 39

July 3 22

Aug 14 51

J

Japan Exlan — Fiber executives are trimming their own pay as an example to their employees

Japan Gasoline — Dry process to remove 95% of nitrogen oxides from stack gas developed

Jefferson Chemical — Port Neches, Tex., facility to produce Diglycolamine-R and morpholine

Texaco buying out Cyanamid's 50% interest in JC, and its subsidiaries

Jersey Nuclear Avco Isotopes — Exxon-Avco laser enrichment process for uranium

Jet Propulsion Laboratory — Closed-cycle system uses pyrolysis to make activated carbon from primary sludge

Johns-Manville — Asbestos precedent set in Supreme Court decision on Borel case

Johnson & Johnson — Dividend raised

K

K.A. Steel Chemicals — Ferric chloride plant due onstream this week

KHD-Pritchard GmbH — Bulgaria contracts for PVC unit

Kaehalon Industry B.V. — Joint venture in Netherlands

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Kaiser Aluminum & Chemical — Aluminum prices N July 10-18	N	July 17	39	Lancer Chemical — Acquired by Kewanee Oil	R	Nov 27	22	Mesa Petroleum — Ammonia joint venture in Donaldsonville, La.	Dec 4	18	
BPA contracts for conductor cable	R	Aug 21	15	Lawter Chemicals — Merger with Nalco Chemical fails through		Aug 7	19	Metallgesellschaft — Accused of dividing world markets for lithium products	July 10	13	
Erie, Pa., forging plant to increase production of fire extinguisher cylinders	R	Oct 30	14	Lever Bros. Co. — Gels, baking soda seek share of dentifrice market		Sept 4	18	Michalke — Workers put on short time	Oct 23	55	
Gramercy, La., alumina plant: bauxite filtration and storage system ends river discharge	N	Dec 4	39	Puerto Rican nationalists suspected in N.Y. headquartered bombing		Nov 6	23	Michelman Chemicals — PE emulsions' market	Dec 11	37	
Jamaican bauxite bargaining Oct 9-15		Nov 27	19	Libbey-Owens-Ford — Glass workers laid off	R	Nov 27	22	Michigan Chemical — Girard, Theodore A. v-p of R&D. He's rebuilt planes, autos and his firm	Sept 25	47	
Ravenswood, W. Va., aluminum sheet plant modification	R	Sept 25	19	Sales and earnings: third-quarter '74		Oct 16	22	Midland Glass — N.J. Dept. of Environmental Protection suit: specify test procedures before enforcing air pollution control, says judge	Oct 30	31	
Sales and earnings: third-quarter '74	R	Oct 16	22	Light Smelter Assn. — Aluminum smelter and hydroelectric development project, joint venture in Brazil	N	Oct 2	25	Midland-Ross — Weber, Walter O. v-p: He knows how to get things done in a hurry	Oct 30	40	
Women CPI firms seek painless path for bringing women into management		Aug 7	15	Lilly, Eli — DES damage suit filed by Detroit-area residents		Sept 25	18	Miles Laboratories — Citric acid plant planned in Dayton, O.	July 10	10	
Kanebo (Japan) — Sales and earnings, half-year		Dec 11	39	Pharmaceutical facilities expansion in Europe and Africa	R	Oct 30	14	Dome Labs. Div. — DES damage suit filed by Detroit-area residents	Sept 25	18	
Kanebo-Europe — Japanese projects in Belgium		Sept 18	45	Sweeteners: amino acid derivative, D-6-chlorotryptophan		Nov 6	37	Minerco — Baltimore plant in Curtis Bay, Md. capacity boost	July 31	15	
Kanegafuchi Chemical Industry — Sales and earnings — six-month period ended Sept '74	N	Nov 27	37	Limburg Vinyl Maatschappij — VCM capacity upped	N	Oct 9	57	Minnesota Mining & Mfg. Co. — Flexistrade, footwear materials get major promotional push	Oct 16	27	
Kaneka-Belgium Japanese projects in Belgium		Sept 18	45	Liquichimica — Scientific and technical research agreement with Russia	R	July 17	35	Skimmit grease absorbing pads displayed at INDA show	Nov 6	27	
Kather, William Associates — Midwest chemical industry survey		Oct 9	16	Liquid Air of North America — Oxygen plant in Spartanburg, S.C. planned	R	July 3	13	Tartan Turf company will no longer bid on new installations of its turf	N	Oct 16	13
Kawasaki Heavy Industries — Preheater cuts energy requirements for cement production		Sept 4	31	Little, Arthur D. Co. — Disposable market estimates		Nov 6	27	Mirakal — Miraculin, new sweetener	Nov 6	37	
Kelco Co. — Riley, John T., president: Executive talent runs in the family		Dec 11	60	Radiator chemicals survey at CSMA meeting		Dec 11	22	Mississippi Chemical — Potash reserve in Caribstad, N.M. purchased from Teledyne	July 24	15	
Kellogg's, M.W. — Btu, gas-from-coal plants prospects good with new fixed-bed processes	N	Aug 7	24	Solar power study		Dec 18	38	Mitsubishi Corp. — Australia's Redcliff project cost estimates tripled	Sept 4	27	
Molten-salt process converts heavy oils into ethylene and as much as 18% into propylene		Oct 16	42	Litwin, S.A. — Russian polystyrene plant	N	Aug 21	23	Contraceptive steroids from cholesterol process may go commercial	N	Aug 28	31
Natural gas will be preferred feedstock for ammonia production in North America and Europe until its price approaches \$1/million Btu, say engineers at AIChE meet	N	Aug 28	31	Lockheed Missiles & Space Co. — Oil recovery system called Clean-Sweep	N	Dec 18	40	Conversion of municipal waste into synthetic fuel oil by a new process may find work in Japan	N	Nov 20	64
Technology for Monsanto's ammonia plant	N	Dec 18	17	Lontza Ltd. — Barex to be marketed in Europe		Sept 11	37	Sales and earnings: '73	Sept 18	47	
Technology for Russian ammonia plants	R	Aug 14-47		Gamma-chloroacetoacet derivatives, DESS and DATA, looking for work	N	July 3	27	Technical assistance for Indian plant	R	July 17	35
Kelly Oil — Poteet, Mark D. v-p: Former Marine has situation well in hand		Dec 18	27	Method for making fumed silica may be commercialized	N	Sept 25	39	Mitsubishi Gas Chemical — Sales and earnings — six-month period ended Sept. '74	N	Nov 27	37
Kemnord — PVC plant at Stockholm will try air-jet ventilation to protect workers from VCM exposure	N	Nov 6	35	Lonzona — Synthetic fiber makers (9) found guilty of price fixing will pay \$1.4-million fine	N	Nov 27	37	Xylenes separation process to be used in Amoco's meta-xylene plant	N	July 24	9
Kenai Drilling — Acquisition of Pioneer Drilling	R	Aug 28	16	Louisiana-Pacific — "Fiber orientation" process to be installed in Oroville, Calif. plant	N	Aug 7	24	Mitsubishi Petrochemical — Ethylene expansion plans delayed N July 10-23	Oct 9	57	
Kennecott Copper — Copper prices	N	Oct 23	67	Lungi (Frankfurt) — Methanation step for fixed-bed process proved out	N	Aug 7	24	Yokkaichi Div. starts up detergent alcohol plant	N	Nov 13	23
North Carolina Phosphate Corp. see under name				Lungi Mineralotechnik — Bethlehem's Sparrows Point, Md. plant to pilot new blast furnace coke technique	N	Aug 14	66	Mitsubishi Plastics — Powder coatings plant will use Polymer Corp.'s know-how	Dec 18	27	
Peabody Coal divestiture order: FTC denies petition for reconsideration	R	Aug 14	16	Luzer Cosmetics — Cook, Carol president: Direct selling fed her directly to top		Oct 2	32	Mitsui — Thailand: Mitsui-headed Japanese consortium pulling out of a petrochemical complex	N	Sept 11	15
Smelter process wrangle with EPA may clear air on controls		Aug 28	30	M&T Chemicals — Antimony oxide prices	N	Oct 2	19	Mitsui Petrochemical Industries — Sales and earnings — six-month period ended Sept. '74	N	Nov 27	37
Strike ending		July 24	14	MK-RDA — Wood may give plastics new competition as result of "fiber orientation" process		Aug 7	24	Ukishima Petrochemicals see under name			
Kerr-McGee — Cimarron nuclear fuel plant at Crescent, Okla. Hazard charge probed		Nov 27	19	Magma Inspiration — Copper prices	N	Oct 23	67	Mitsui-Texaco — Paraffins capacity expansion	R	July 17	35
FTC will issue complaints against interlocking directors		July 3	12	Makhteshin Chemical Works — Pesticides complex in Beersheva, Israel	R	July 17	35	Mitsui Toatsu Chemicals — Hydroquinone: Upjohn's synthesis of hydroquinone may be commercialized in Japan N Nov 13-39	Dec 11	51	
Francis, William J.F. president: He knows when to let others carry the ball		Oct 16	52	Malco Products — Radiator chemicals survey at CSMA meeting		Dec 11	22	Sales and earnings: six-month period ended Sept. 30, 1974	N	Nov 20	57
Titanium dioxide plant planned near Mobile, Ala.		Aug 14	24	Malingkrodt Chemical — Acquires National Catheter Corp.	R	Aug 21	15	Sept. 30, 1974	N	Nov 20	64
Titanium dioxide prices	N	July 17	39	Opium shortage in '75		Dec 18	21	Urea process — letter		Sept 25	26
Kevex — Solid-state detectors pinpoint concentration of wide range of elements in samples faster than conventional X-ray methods		Nov 27	22	Mallory, P.R. — Battery research		Aug 28	27	Reaction-injection-molding equipment for processing urethanes' joint venture	N	Nov 20	64
Kewanee Oil — Acquisition of Lancer Chemical	R	Dec 4	43	Manheimer, J. Inc. — Manheimer estimates international essential oils industry		Sept 18	49	Thionyl chloride plant planned at Nere Marthinsville, W. Va. N Aug 14-23	R	Aug 21	15
Ammonia joint venture in Donaldsonville, La.		Dec 4	18	Mannesmann Export — LNG-3 or European contract for the world's largest plant awarded to a consortium of companies	N	Sept 11	15	Verona Dyestuffs Div. — Dyestuff makers deny "criminal conspiracy"	N	July 24	9
Kimberly-Clark — New Jersey says K-C's Spotswood plant runs foul of pollution code		Nov 20	64	Mapco, Inc. — Oil and gas exploration program in Texas	R	Sept 18	24	Calina Industries files suit	N	Sept 18	22
Kimberly-Krete — UIC acquires patent rights and equipment of Kral-Krete process for cleaning pipelines by internal sand blasting	N	Aug 14	51	Marathon Oil — Stock dividend	R	Aug 14	16	Dye makers ponder pleats	N	Sept 25	18
Terrace Bay, Ont. pulp mill expansion and modernization		July 31	21	Tertiary oil recovery may provide a big market for chemicals		Dec 11	32	Round two on dyes	N	Oct 30	13
Kleen-Kote — UIC acquires patent rights and equipment of Kral-Krete process for cleaning pipelines by internal sand blasting		Nov 20	64	Marbon Chemicals Ltd. — Profits boosted	R	July 17	35	Mobil Chemical — Ethylene expansions can't keep up with demand (chart)		July 24	24
Kobe Steel — Interest in Venalum aluminum smelter in Guyana reduced	N	Aug 14	51	Marcona Corp. — Slurry system for handling bulk materials, called Marconajet		Oct 23	61	Mobil Oil — Marcor merger plans continue despite probe by Justice Dept.		Aug 14	15
Qatar steel venture		July 31	21	Marcor — Mobil Oil merger plans continue despite probe by Justice Dept.		Aug 14	15	Antitrust questions mount		Aug 21	13
Kop — Aquachlor see under name				Marine Colloids — Stauffer would acquire MC		Aug 21	13	Takeover of Marcor will probably be challenged by antitrust	N	Sept 4	10
Koppers Co. — Phthalic anhydride expansion at Chicago		July 17	17	Martin Marietta — Martin Marietta Aluminum becomes wholly owned subsidiary	R	July 10	16	N			
Switches to LIFO inventory accounting	R	Nov 27	22	Martin Marietta Aluminum — Becomes wholly owned subsidiary of Martin Marietta	R	July 10	16	Modular Computer — 32k word core memory module unveiled at ISA show	N	Sept 6	33
Korf — Investment in Brazilian iron ore pellet plant		Aug 21	23	Marubeni — Interest in Venalum aluminum smelter in Guyana reduced	N	Aug 14	51	Mohawk — Radials, glass-belted	N	Sept 25	23
Kraftco Corp. — Humko Sheffield Chemical see under name				Master Builders — Cement additives	N	July 10	22	Molecule Research — Ultramicroporous open-cell material, Poroplastic: competitor for microencapsulation and thin-skin membrane techniques	N	Nov 27	43
Kronos Titan GmbH — Titanium dioxide capacity at Nordenham, West Germany upped		Aug 14	23	Masterpiece Inc. — Christmas trees (artificial)		Dec 11	15	Monfort of Colorado — Feedlot operator sets project to produce methane from manure	N	July 3	13
Krupp — Iran-Krupp agreement: Iran may buy up U.S. chemical engineering and equipment firms		July 31	21	Mayo Chemical — Smyrna, Ga. residents sue plant		Dec 18	20	Monsanto Agricultural Products Co. — Formerly Monsanto's agricultural division	Dec 18	20	
Will Iran-Krupp deal be model for Middle-east's CPI investments?		Aug 7	33	McKee, Arthur G. & Co. — Services for terephthalic acid plant in Mexico		July 3	10	Monsanto Co. — Acrylonitrile prices	N	July 31	18
L				Mead Corp. — Corrugated-shipping-container plant at Lewisburg, Tenn.	R	July 17	24	Adiponitrile and hexamethylenediamine plants will be owned jointly with Montefibre, U.K.	N	Sept 18	31
LVO Corp. — Geothermal development agreement	R	Aug 28	16	McSwiney reports to N.Y. security analysts		Dec 4	36	Agricultural div. will become a full-fledged company, Monsanto Agricultural Products Co.; changes in corporate structure	Dec 18	20	
Laboratories Robert et Carriere — Suture products 50-50 joint venture with Cyanamid	R	Oct 23	28	Woodward Div. sells Cement Asbestos Products to Asaro		Nov 6	22	Ammonia plant in Luling, La., planned	N	Dec 18	17
				Merck & Co. — DES damage suit filed by Detroit-area residents		Sept 25	18	Astro Turf installations increase	N	Oct 16	13
				Opium shortage in '75		Dec 18	21	Capital expenditures for '75-'76	R	Nov 20	24
				Merck Sharp & Dohme — DES damage suit by Detroit-area residents		Sept 25	18	Coca-Cola bottled in Lopac, nitrile plastic Cycle-Safe resin, formerly Lopac, to be used in Coca-Cola's bottles	N	Sept 11	37
				Merchem — Fiber-Film device to remove entrained droplets from two-phase systems	N	Sept 4	31	Executives at Investment Analysts Society do not foresee severe price cutting in the petrochemicals and fibers industries	Dec 11	14	
								Fiber makers trim output to ride out textile slump	Dec 4	31	

Hanley and Kerley at St. Louis Society of Financial Analysts

Heininger, S. Allen at CMRA/CD4 meeting

HDPE: plans to drop out of business

L-dopa: Direct synthesis of the pharmacologically active form of molecules that occur in two mirror-image isomers, being used to produce L-dopa

Landgard pyrolysis system for Baltimore, Md.

LIFO system considered

Methanol and formaldehyde prices

Nylon prices

PV butyral resin plant in Springfield, Mass. planned

Rexene thinks Monsanto may be too optimistic about polystyrene supplies

Roundup herbicide unit at Luling, La. planned

Russia discusses barter deal for acrylic fiber plant

Seal Sands plant in Teesside, England, expansion

Texas City petrochemical complex hit by wildcat strike of Texas City Metals Trades Council

Monsanto Industrial Chemicals — Sorbic acid, potassium sorbate technology licensed from Nippon Synthetic Chemical Industry

Monsanto Polymers & Petrochemicals — FPC's new natural gas pricing system will have little effect on CPI

Licenses Nippon Synthetic to use acetic acid technology

Monsanto Research Corp. — Safety record at Miamisburg, O., laboratory

Monsanto Textiles — Adiponitrile plant at Pensacola, Fla. to expand

Montecatini Edison — Adria Laboratories, joint venture see under name

Cellulose substitute made from PE and P, N Netherlands site in the Eemshaven industrial area considered

Russian barter deal

Sales in first eight months of '74: production

Eight and nine months

Unidentified investors group acquires 11.5% of Mondelco

Montelire — Plants, owned jointly with Montek, to make adiponitrile and hexamethylene diamine for nylon-6/6

Montgomery Ward — Marcor see under name

Morgan Adhesives — Sales and earnings: second-quarter '74

Morton-Norwich Products — Nor-Am Agricultural Products see under name

Pharmaceutical plants in Puerto Rico and Norwich, N.Y. planned

Motorola — Acquisition of Philip A. Hunt Chemical

Murphy Oil — Meraux, La., refinery expansion plans shelved

N

NL Industries — Industrial Chemicals Div breaks ground for headquarters building in Hightstown, N.J. NL to relocate corporate headquarters

Norway: titanium pigment plant expansion

Nalco Chemical — Additive, TMS, extends the life of automotive antifreeze

Antiknock prices

Lead alkyl prices

Merger with Lawter Chemicals falls through

Nam Gas Export — Italy's natural gas supply will get boost from new pipelines

National Can — Sales and earnings: second-quarter '74

National Catheter Corp. — Acquired by Milti

National Chemical Industries Corp. — Seeks bids on detergent producing plants

National Iranian Oil Co. — Partner in Shell's refinery venture in Iran

National Patent Development — Contact lenses patent suit against Automated Optics

National Petrochemical Co. of Iran — Dow-Iranian joint venture to make petrochemicals and plastics

Joint ventures with UC studied

National Semiconductor — Microcomputers

National Steel — Formcoke interests see under name

Granite City Steel-NS: 71 steel merger being restudied by Justice Dept.

Utah joint alumite-alumina-fertilizer plant

National Steel Board — Ethylene plant joint venture

Negev Phosphates — Phosphates rock production expansion

Neville Chemical — Synthetic polyterpene resins

New England Energy Co. — Refinery in Sanford, Me. awaits approval

New England Research — Study to find acceptable refinery sites sponsored by EPA

Dec 11 16

Oct 16 24

Nov 6 35

Sept 4 17

July 10 18

Aug 7 19

Aug 14 45

Aug 7 19

Aug 21 15

July 17 17

Dec 4 20

Sept 4 13

Aug 14 9

Aug 28 14

Nov 13 35

New Jersey Zinc — Expansion program includes electrolytic zinc refinery near Clarksville, Tenn. and improvements at Palmerton, Pa.

Titanium dioxide prices

Zinc and zinc oxide prices

Newmont Mining Corp. — FTC will issue complaints against interlocking directors

Offers to buy Foot Mineral stock

Sales and earnings: second-quarter '74

Nippon Alfin Rubber — Synthetic rubber plant at Chiba will resume operations

Nippon Oil — Naphtha for Ushimura Petrochemicals ethylene plant

Nippon Petrochemicals — Ushimura Petrochemicals see under name

Nippon Synthetic Chemical Industry — Acetic acid plant to use Monsanto technology

Sorbic acid, potassium sorbate technology licensed to Monsanto

Nipro, Inc. — Cyclohexanone prices

Nitratos de Portugal — Sulfuric acid joint venture with Amoroco Portugues

Nitrogen Service Co. — UC acquires patent rights and equipment of Klean-Kote process for cleaning pipelines by internal sand blasting

Nitto Chemical Industry — Japanese projects in Belgium

Nor-Am Agricultural Products — Seven, Raymond P., president His hobby grew into career in ag chemical

Noranda Mines — Acquires Olin's 38.5% equity in Friaulco

Aluminum reduction plant in New Madrid, Mo. to double capacity

Saskatchewan moving to take over privately owned potash industry

Norfolk & Western Railway — Decatur, Ill., plant explosion may have been caused by leaking isobutane

Noruk Hydro — Sales and earnings

North American Plant Breeders — Hybrid wheat

North Carolina Phosphate Corp. — Phosphate expansion in North Carolina

North Star Chemical — Minneapolis sulfuric acid plant pilot testing absorption process to remove sulfur dioxide from stack gas

Northern Relux — Helium company entitled to \$7.8 million damages because the government breached a helium-purchase contract

Northern Petrochemical — Antifreeze market

Tightness continues

PE prices

Polypropylene plans

Northwest Natural Gas — Oregon's ban on new hookups for natural gas will not immediately affect CPI firms in the area

Northwest Pipeline — Oregon's ban on new hookups for natural gas will not immediately affect CPI firms in the area

Norton Simon — Denver Chemical see under name

Novamont Corp. — Patent suit with Exxon settled; Novamont to license two PP catalyst

patents

Polypropylene capacity (table)

Our Tovnicks Dok — Polystyrene joint venture insured

Orange & Rockland Utilities — Industrial Energy Users Assn. Industrial power consumers band together to fight rate hikes

Organika Kemijska Industrija — Polystyrene joint venture insured

Oronzio de Nora Impianti Elettrochimici — Pennwell's Tacoma, Wash., chlorine-caustic plant will replace Gibbs diaphragm cells with Glanor electrolyzers

Ortec — Solid-state detectors pinpoint concentration of wide range of elements in samples faster than conventional X-ray methods

Ortho Pharmaceutical — DES damage suit filed by Detroit-area residents

Owens-Corning Fiberglas — Glass-fiber expansion plan

Layoffs for 2,600 workers

Stock offering

Owens-Illinois — Plastic beverage bottle market

Oxirane — Channelview, Tex. plants to make ethylene, glycol and propylene oxide and styrene planned

N July 31 9

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PPG Industries — Antiknock prices

Asbestos precedent set in Supreme Court decision on Borel case

Caustic soda boost at Natrium, W. Va.

Caustic soda prices

Chloralkal plant in Lake Charles, La. to double capacity

Chlor-alkali prices

Chlorinated solvent prices N Aug 28-19

Chlorine-caustic soda expansion at Lake Charles, La.

Coatings & Resins Div.'s v-p and general manager Elmer C. Larsen: He's giving the paint business added luster

"Development work" on expandable anodes

Glass-fiber expansion plan

Henryville, Okla., glass manufacturing plant shut down

Honduras: Industrial Chemical Div. donates granular calcium hypochlorite for hurricane-stricken zone

Houston Chemical Div. — lead alkyl prices

Layoffs at two glass-fiber plants

Natrium, W. Va. plant strike settlement includes cost-of-living clause

Natural gas supply dispute with Continental Oil settled

Pennwell's Tacoma, Wash., chlorine-caustic plant will replace Gibbs diaphragm cells with Glanor electrolyzers

Russian barter deal for glass-fiber and VC production

Sales and earnings: second-quarter '74

Third-quarter '74

Soda ash prices

Vinylidene chloride: Italian reports suggest VIC may be carcinogenic

Waterborne interior coating, Environ 1776, will debut in beer and soft-drink cans

Pactra Industries — VCM aerosols ban on Park-Davis' DES damage suit filed by Detroit-area residents

Honduras aid promised

Warner-Lambert's acquisition not a drug monopoly rules FTC judge

Peabody Coal — Kennecott Copper's divestiture order: Denies petition for reconsideration

Pechiney Ugine Kuhlmann — French CPI growth recipe takes on Mideast flavor

Report: Albert H. Kisin

Reorganization: Ugine share to CdF-Chimie; full ownership of Plastimex, Rhone-Poulenc to get other interests

Sales and earnings: first-quarter '74

Penick, S.B. — Opium shortage in 75

Pennwalt Corp. — Chlorine-caustic plant at Tacoma, Wash., will replace Gibbs diaphragm cells with Glanor electrolyzers

Drake at N.Y. Society of Security Analysts discusses main goals for 1979

Fresh, germicidal hand soap introduced

Pennipac M, microencapsulated pesticide, approved by EPA

Pentair Industries, Falls Paper Div. — Purchases Ethyl's West Carrollton, O., paper mill

Pepsi-Cola — Plastic bottle manufactured from Du Pont's Dalar polyester resin

Permanent Pigments — Artists colors

Perfamina — Oil shipment to U.S.

Petroleos — Ammonia and urea complex planned

Oil from shale pilot plant in Irati

Petroleos Quimica — Plastics joint venture with Foster Grant in Brazil

Petrofina — Candel Oil looking for a buyer for its 6.9% share in tar sands project

Petroleos Mexicanos — Mexican oil finds could prove a petrochemical bonanza

N Oct 23 55

Petrochemical buildup aims to relieve shortages (table)	Dec	4	36	Red Barn Chemicals — Grace acquires all outstanding shares from Sun Ventures Div. .R	Dec	18	21	Rubber Masterbatch Color — Harwick Chemical purchases business from Reichhold Chemicals	R	July	10	16		
Petroquímica Argentina S.A. — Workers call for nationalization of Pasa	N	Aug	14	51	Reichhold Chemicals — Dividend R July 17-24	R	July	3	13	Rubicon Chemicals — European process, Foamax, to make flat urethane slab stock is drawing U.S. interest	N	Sept	4	31
Petroquímica Bahia Blanca — Bahia Blanca petrochemical complex way behind schedule	N	Nov	20	57	Harwick Chemical purchases Rubber Masterbatch Color's business	R	July	24	16	Rubifroth process for laminating panels with isocyanurate foams	N	Nov	20	64
Petroquímica-Dow S.A. — Chilean LDPE plant capacity to be doubled	N	Aug	14	9	Maleic anhydride plant in Morris, Ill. still hobbled by operational problems	N	Aug	7	13	Ruhrgas — Algerian natural gas contracts getting tougher to obtain	N	July	10	10
Petrosilver — Coal-derived fossil resins	Oct	9	46	Polyester resins plant in Morris, Ill., planned	R	Dec	18	21						
Pfizer — Fermentation waste from Groton, Conn., plant may find a profitable use	N	Nov	20	45	Reilly Chemical Co. — Vaporizer in a Bottle releases volatile decongestants through a wick	Nov	27	34	S					
Terramycin (oxytetracycline) to treat Florida's coconut palm trees	N	Aug	7	13	Republiq Steel — Hyrometallurgical process that recovers 90% of nickel from oxide and silicate ores developed	Oct	23	57	SCM Corp. — Glidden-Durkee Div.: J.A. Faber at 6th International Congress of Essential Oils	Sept	18	49		
Tetracycline price fixing case: court clears firms	July	10	14	UC plans expansion of air-separation capacity at Gadsden, Ala., works	N	Oct	9	9	Glidden-Durkee Div.: titanium dioxide addition at Baltimore, Md.	Aug	14	24		
Phelps Dodge — Copper prices	N	Oct	23	67	Reserve Mining — Supreme Court refuses request by Minnesota state officials to strike down a stay of District Court order that would prevent discharging wastes into Lake Superior	R	July	17	24	Titanium dioxide pigment operations at Ashtabula, O., to be bought from Sherwin-Williams	July	17	39	
Lavender Pit copper mine and concentrator at Bisbee, Ariz., will close	R	Dec	11	15	Court vetoes plan for on-land disposal for disposal considered	Sept	4	13	SNE — Italy's natural gas supply will get boost from new pipelines	Aug	14	45		
Phillips Paraxylene Inc. — Para-Xylene plant in Puerto Rico	R	Sept	25	19	Justice Dept. urges high court to ban RM discharges	Oct	16	20	SS&B — Lysol-brand disinfectants: FTC accepts consent order	July	31	15		
Phillips Petroleum — Butadiene plant in Borger, Tex. placed under computer control	N	Aug	21	39	Another day in court	Oct	23	24	St. Regis Paper — Paper mill at Bucksport, Me. expansion	R	July	3	13	
Ethylene venture, possibly in Sweeny, Tex., considered	N	July	3	6	Onland disposal site sought	Nov	27	22	Salzgitter — Algerian natural gas contracts getting tougher to obtain	N	July	10	10	
Polypropylene capacity (table)				PE prices	N	Aug	28	19	Sandoz — Sales and earnings — first-half '74	N	Aug	7	29	
Phrix — Synthetic fiber makers (9) found guilty of price fixing will pay a \$1.4-million fine	N	Nov	27	Polypropylene capacity (table)	N	July	31	23	Wallace M.J. discusses pretreating costs at CCA seminar	Oct	9	27		
Pioneer Drilling — Acquisition by Kenai Drilling	R	Aug	28	16	Reinsonplast — Rhone-Poulenc gets full ownership	N	Aug	14	51	Sandoz-Wander — Dorsey Labs. Div. — DES damage suit filed by Detroit-area residents	Sept	25	18	
Pioneer Hi-Bred International, Inc. — Hybrid wheat	R	Aug	28	11	Revere Copper — Aluminum prices	N	July	17	39	Sanyo Chemical Industries — Acrylamide-based flocculants	Sept	11	34	
Pirelli S.P.A. — Firestone T&R will purchase 100% of Dunlop Canada	R	July	17	24	Renexene — Monsanto may be too optimistic about polystyrene supplies	N	Oct	16	27	Schering AG — DES damage suit filed by Detroit-area residents	Sept	25	18	
Pittsburg & Midway — SRC process flowsheet — Coal liquefaction report. Donald P. Burke	R	Sept	11	40	PE prices	N	Aug	28	19	Nor-Am Agricultural Products see under name				
Pittsburgh-Des Moines Steel — General Dynamics acquires World Southern's Charleston, S.C., facility	R	Dec	11	15	Polypropylene capacity (table)	N	July	31	23	Sales and earnings: '74 first-half	R	Sept	18	47
Plasti-Kote — VCM aerosols ban on Plastimer — PCUK gains full ownership	R	Oct	16	20	Reynolds Metals — Aluminum. Recycling is the key to increasing the aluminum industry's supplies. D.P. Reynolds tells AA annual meeting	Nov	6	22	Scientec — European chemical business studies (table)	Nov	6	40		
Plasti-Labor S.A. — Acquired by Celanese Coatings	R	Aug	14	51	Recycling program expansion	Nov	27	22	Scientific Design Co. — Contractor for Ashland Chemical's maleic anhydride plant in W. Va.	N	Aug	7	13	
Polarmore Manufacturing Co. — Bruehl, Eric at 6th International Congress of Essential Oils	R	Oct	9	17	Aluminum prices N July 10-18	N	July	17	39	Technical advisor for Bangladesh plant	N	Dec	11	41
Pollution Control Products — Silver-impregnated filter system win water purification jobs	N	Sept	18	49	Bauxite mining countries pressure aluminum makers, Guyana sets tax	Oct	9	15	Williams at CMRA meeting: Shortages of skilled labor will hamper design, construction of plant equipment	Nov	20	47		
Polumbus (Denver) — Grace to acquire 70% of the Polumbus shares	Aug	7	37	Bauxite operations in Guyana face uncertain future as tax issue persists	Oct	16	20	Scot Paper — Container products business to be discontinued	R	Sept	18	24		
Polychrome — Rhodia purchases common stocks	N	Nov	27	BPA contracts for conductor cable	Aug	21	15	Searle, G.D. — Aspartame, artificial sweetener, approved by FDA	Aug	7	18			
Polymer Corp. of America — Monomer grafting will prove a cheaper route to nonflammable cotton, tarnishproof silver and permanently dyeable glass fiber	R	Oct	9	Guyana bauxite mining operations lays off 428 workers	R	Oct	30	14	Aspartame faces charges of potential brain damage	Oct	2	15		
Technology for Japanese powder coatings plant	N	July	17	Jones Mill Ark., aluminum reduction polline will shut down	R	Dec	11	15	Aspartame hits a snag	Nov	6	37		
Polymer Treatment Ltd. — Licenses Sealose-safe, a mechanical-chemical polymerizing process	R	Dec	18	Sales and earnings? second-quarter '74	July	17	21	Sekisui Alveo — Netherlands project	Sept	18	47			
Polymers Corp. — Methyl methacrylate and hydrogen cyanide plant planned	R	July	17	Third-quarter '74	Oct	16	22	Sekisui Jushi — Dutch company to manufacture PP strapping tape	Sept	18	47			
Portland General Electric — Acquires more than 45,000 acres in coal prospecting permits	R	Dec	4	19	Reynolds Guyana Mines Ltd. — Guyana announces nationalization of bauxite operations	July	24	15	Shakeley Corp. — FTC issues a consent decree prohibiting SC from claiming that Instant Protein supplement is beneficial to the elderly and also should be added to an infant's first solid food	Sept	4	15		
Potash Co. of America — Potash prices	N	Oct	2	19	Rhodia Inc. — Picard, Raymond J. Accent of his French firm is American	Oct	23	78	Shell Canada Ltd. — Study on possible routes for a pipeline to carry crude oil south from northern Canada	R	Oct	30	14	
Potash Co. of Canada — Potash prices	N	July	3	Purchase of Polychrome common stocks	R	Oct	9	17	Shell Chemical — Aldrin and heptalen, pesticides: EPA order for discontinuance of manufacture will be contested	Aug	14	13		
Potlatch Corp. — Bleached pulp and paperboard mill in SE Arkansas cost up	R	Dec	18	Rhodiaceta — Abbreviated workweeks are becoming the rule in W. Germany	N	Oct	23	55	Ban will remain in effect	Oct	9	14		
Plywood: Automated mill for Lewiston, Id., planned	R	Sept	25	Rockwell International — Atomics International Div.'s proposal to operate and manage AEC's Rocky Flats plant	Sept	27	13	Deep Park, Tex., complex to get phenol plant and a bisphenol A unit	N	Dec	11	9		
Power Conversion — Battery research	R	Aug	28	Rohm and Haas — BCME under fire: Nader group charges that at least 15 employees died from lung cancer in the last 12 years as result of exposure to BCME	Dec	4	19	Detergent-range alcohols buildup — letter	Oct	23	70			
Process Computer Systems — Microprocessors, Micropac	Nov	13	35	Rohm and Haas — BCME under fire: Nader group charges that at least 15 employees died from lung cancer in the last 12 years as result of exposure to BCME	Oct	9	19	Ethylenic expansions can't keep up with demand (chart)	July	24	24			
Procan Inc. — Contract for Phillips Para-xylene's plant in Puerto Rico	Sept	25	19	Rohm and Haas — BCME under fire: Nader group charges that at least 15 employees died from lung cancer in the last 12 years as result of exposure to BCME	Oct	23	26	Houston rail-yard explosion ignited butadiene suspected cause	Oct	2	16			
Procter & Gamble — Earnings, second-quarter '74	July	10	15	Rohr, William H. — Strike in Fort Washington, Pa., settled	July	10	19	Incineration at sea to dispose of Deer Park, Tex., plant's chlorinated hydrocarbon wastes to be tested	N	Oct	9	63		
Gels, baking soda seek share of dentifrice market	Sept	4	18	Rohr-Amchem — Process that can pretreat and coat steel in a single step	N	Sept	4	17	Polycapacity (table)	July	31	23		
Rely, new tampon	July	24	22	Rohr-Amchem — Process that can pretreat and coat steel in a single step	N	Sept	4	17	Ship, "Vulcanus," equipped to incinerate chlorinated hydrocarbon wastes in the Gulf of Mexico	Oct	23	24		
Sure and Secret antiperspirants: FDA advisory panel questions safety of antiperspirants containing zirconium	Dec	11	16	Rohr-Amchem — Process that can pretreat and coat steel in a single step	N	July	10	18	Shell Chimie — Butadiene derivatives plant in Berre back onstream	R	Dec	11	39	
Progital-Bayer-Urgine — Rhone-Poulenc will take over PCUK interests	N	Aug	14	Rohr-Amchem — Process that can pretreat and coat steel in a single step	N	July	10	18	Shell Explorer — Athabasca tar sands: Shell Oil bowing out because of uncertainties	Nov	6	19		
Protex Industries — Cement additives	July	10	22	Rohr-Amchem — Process that can pretreat and coat steel in a single step	N	July	10	18	Shell International Chemical — Moerdijk, Netherlands, chemical complex expansions N July 3-22	R	Dec	11	39	
Public Service Co. of Colorado — Fort Saint Vrain HTGR reactor in startup phase	Aug	14	19	Rohr-Amchem — Process that can pretreat and coat steel in a single step	N	Sept	18	47	Shell Oil — Athabasca tar sands: company bowing out of tar sands because of uncertainties	Nov	6	19		
Publicker Industries — Sales and earnings: fiscal year	Oct	9	19	Rohr-Amchem — Process that can pretreat and coat steel in a single step	N	Sept	11	37	Bridges reports to Los Angeles analysts	Nov	13	18		
Purvin & Lee Associates — Purvin at CMRA meeting: Coal offers no near-term solution of the fuel and feedstock problem	Nov	20	47	Rohr-Amchem — Process that can pretreat and coat steel in a single step	N	Sept	11	37	Great Britain's refinery capacity shutdown threatened as workers at Stanlow plant turn down pay increase proposal	N	July	17	33	
Q				Royer, William H. — Strike in Fort Washington, Pa., settled	R	Nov	27	22	Technology for Japanese detergent alcohol plant	N	Nov	13	23	
Qatar Petrochemical — Ethylene complex planned	N	July	10	Royer, William H. — Strike in Fort Washington, Pa., settled	R	Dec	18	20	Shell Research — Production of single-cell protein from methane	N	Nov	13	39	
Quaker Oats — Sales and earnings — fiscal year	Oct	9	19	Royer, William H. — Strike in Fort Washington, Pa., settled	R	Sept	11	37	Sherwin-Williams — Sales and earnings, second-quarter '74	July	3	11		
R				Royer, William H. — Strike in Fort Washington, Pa., settled	R	Nov	27	22	Titanium dioxide pigment operations at Ashtabula, O., to be sold to SCM	R	Oct	9	17	
REN Plastics — Plastic table lips keep spills off passengers	Oct	30	16	Royer, William H. — Strike in Fort Washington, Pa., settled	R	Dec	18	20						

Shiseido Cosmetics — Davidson Associates' "Sweet Smell of Success" seminar and workshop on fragrances	Nov 20	61	Silicone prices N Sept 11-25	N Sept 25	23	Thai Petrochemical — Mitsui-headed Japanese consortium pulling out of a petrochemical complex	N Sept 11	15
Showa Denko — Ethylene expansion plans delayed N July 10-23	Oct 9	57	Soda ash prices	N Dec 4	29	Thermal Power Co. — Al-Aquitaine Exploration dropping efforts to acquire TP	N Oct 2	9
Interest in Venalum aluminum smelter in Guyana reduced	Aug 14	51	Sulfuric acid prices	N Dec 18	35	Thermal Resources, Inc. — Geothermal development agreement	R Aug 28	16
Sifrance — Rhone-Poulenc will take over PCUK interests	Aug 14	51	VCM emission control sought	Sept 18	66	Thiokol — Joint venture fiber facility in Limburg, Belgium	R July 24	16
Signetics Corp. — Sunnyvale, Calif., semiconductor plant to close for eight days because business is slow	Nov 27	22	Stepan Chemical — Azodicarbonamide blowing agent to be produced at Wilmington, Mass. plant	R July 3	13	Wins NASA contract for solid-fuel rocket engines for space shuttle despite Lockheed aircraft protest	July 10	13
Sika Chemical — Cement additives	July 10	22	LIFO system adopted	N Aug 21	9	Tokyo Boeki — Qatar steel venture	N July 31	21
Simon-Carves — Contract for Dominion Fertilizer's sulfuric acid plant in New Zealand	Dec 18	27	Petroleum sulfonates plant in Milldale, III.	N Dec 11	32	Toray Industries — D-tartaric acid may be synthesized commercially	N Dec 4	39
Smith, A.O. Corp. — Electronic totalizers for industrial flow control systems featured at ISA show	Nov 6	33	Sterling Drug — Intent to merge Bio-Dynamics	Dec 4	19	Economic outlook	Dec 11	39
SmithKline Corp. — Surgical Specialties Div. marketing a felt-like composite of Teflon and organic fibers called Proplast	Sept 18	22	Lysol-brand disinfectants: FTC accepts consent order	July 31	15	Sales and earnings: '74 six months	N Nov 13	29
Sham-Progetti — Negotiating to import Iranian natural gas	Aug 14	45	Stock dividend	R Aug 14	16	Toyo Engineering — Technology for Russian ammonia unit	R Dec 18	27
Urea process battle winner	July 17	28	Stevens, J.P. & Co. — Unionization: Setting trend in South?	Sept 11	19	Toyo — Executives are trimming their own pay as an example to their employees	N Nov 13	29
Shell, Foster D. Inc. — OSHA-sponsored economic impact report on VC standard sparks controversy	Oct 23	61	Stone Container — Dividend increased	R July 24	16	Sales and earnings, half-year	Dec 11	39
Soc. Francaise des Petroles BP — Synthetic protein plant at Cap-Lavera delayed	Sept 18	22	Stratford — Rhone-Poulenc gets full ownership	N Aug 14	51	Tracteb et Electricté — LNG-3 or Eurogas: contract for the world's largest plant awarded to a consortium of companies	N Sept 11	15
Tchekiaidze — Single-cell protein (SCP) may become a commodity in world chemical markets	Oct 30	19	Sueddeutsche Chemiefaser — Synthetic fiber makers (9) found guilty of price fixing will pay a \$1.4-million fine	Nov 27	37	Trans Mountain Pipe Line — Study of possible routes for a pipeline to carry crude oil south from northern Canada	R Oct 30	14
Schoenholz, Dan, executive vice-president: He traded security for diversity — letter	Aug 21	45	Sueddeutsche Kalkstickstoff-Werke AG — Canadian ferrosilicon no threat to U.S. producers	July 17	24	Transcontinental Gas Pipe Line — FTC will issue complaints against interlocking directors	July 3	12
Soc. Internationale Pirelli — Firestone T&R will purchase 100% of Dunlop Canada	Oct 2	5	Sullivan, Frank & Co. — Plastic table lips keep spills off passengers	Oct 30	16	Transcontinental Oil Corp. — Grace plans acquisition	Sept 25	17
Soc. Portuguesa de Petroquimica — Ammonia and urea joint venture plants in Sines	July 17	24	Sulzer Bros. — Extracting heavy water from ammonia plants studied	July 3	27	TransOcean Oil — Vickers Energy's tender offer for all outstanding shares	R Oct 9	17
Sotex Polymer — Acquisition of Celanese's HDPE operations, including the Deer Park, Tex. plant N Oct 2-9	Dec 4	19	Xylose and glucose recovered from wood at a pilot plant N Oct 2-31	Nov 6	37	Transwestern Pipeline — New Mexico gas from coal plant proposed	July 3	9
Solvay & Cie — Acquisition of Celanese's HDPE business includes Deer Park, Tex. plant N Oct 2-9	Sept 11	37	Sumitomo Chemical — Acrylamide-based flocculants	Sept 11	34	Trouw International — Acquired by BP	Dec 4	35
Polyacrylonitrile barrier resin in beer bottles	Dec 4	19	Drug joint venture with ICI in Japan	R Dec 11	39	Tuboplast — Rhone-Poulenc gets full ownership	N Aug 14	51
Sonatrach — Algerian natural gas contracts getting tougher to obtain	July 10	10	Ethylene expansion plans delayed	N July 10-23	57	Tubos de Centroamerica, S.A. — PVC pipe and fittings joint venture with Robintech	R Oct 16	24
Crude oil prices will be cut	July 31	21	Sales and earnings — first-half '74	R Oct 14	47	Tyler Corp. — Atlas Powder's headquarters to move from Wilmington, Del., to Dallas	Sept 18	27
El Paso Natural Gas deal may have reached an impasse over prices	July 17	33	Sun Calvert — Calvert Exploration merged into Sun Calvert	R Aug 14	47			
Hispanoil approached to reopen talks for a supply program	July 31	21	Sun Chemical — Coal-derived fossil resins	Oct 9	46			
LNG-3 or Eurogas: contract for the world's largest plant awarded to a consortium of companies	Sept 11	15	Sun Oil — Calvert Exploration merged into Sun Calvert	Sept 11	19			
Petrochemicals figure prominently in long-range planning	Oct 30	14	Open-pit mining of shale will be studied	N Aug 10	29			
Sony Corp. — Batteries, dry-cell, subsidiary set up with U.C.	Dec 4	19	Sun Venture Div. agrees to sell Red Barn Chemicals shares to Grace	R Dec 18	21			
South Africa Coal, Oil & Gas Corp. — Oil-from-coal gasification plant	Sept 1	4	Sybeta — LNG-3 or Eurogas: contract for the world's largest plant awarded to a consortium of companies	N Sept 11	15			
Southern California Edison — Scrubber removes SO from power plant stacks, with no plugging or scaling problems	Dec 11	58						
Southern California Gas — New Mexico gas from coal plant proposed	Oct 30	31						
Southern Oil Exploration Corp. — Offshore oil exploration	July 3	9						
Southern Pacific — Houston rail-yard explosion: ignited butadiene suspected cause	Sept 25	33						
Southwest Forest Industries — Sales and earnings: second-quarter '74	Oct 2	16						
Southwair — Utah joint alumina-aluminum fertilizer plan	Aug 7	19						
Sparkler Manufacturing Co. — Silver-impregnated filter systems win water purification jobs	Aug 7	17						
Spinnstofabrik Zehendorf — Workers on short hours	Aug 7	37						
Sprague, C.H. & Son — Newington, N.H. voters turn down refinery proposal	Oct 23	55						
Spray-On Products — VCM aerosols ban on Squibb, E.R. — DES damage suit filed by Detroit-area residents	July 10	16						
Tetracycline price fixing case: court clears drug firms	Oct 16	20						
Staley, A.E. — Financing for expansion, mostly in corn syrups	Sept 25	18						
Soybean plant damaged by rail yard explosion in Decatur, Ill.	Nov 13	9						
Stamicarbon — Urea process battle winner	July 31	15						
Standard Chemical Ltd. — Sodium chloride capacity in Beaumaris, Que., to double	July 17	28						
Standard Oil (Indiana) — Acquisition of Oxy-Hammer opposes takeover plan, citing a probability of antitrust violation	Nov 27	22						
Oxy sues to block bid	Dec 11	12						
Polypropylene capacity (table)	July 31	23						
Standard Oil (Ohio) — FTC will issue complaint against interlocking directors	Sept 18	24						
Shipping terminal at Valdez, Alaska, planned	Oct 9	63						
Uranium: solar energy will provide low-cost hot water for milling in a joint venture with AEC	Dec 11	15						
Stauffer Chemical — Acquisition of Marine Colloids	July 31	14						
Aluminum sulfate (alum) prices	Sept 25	17						
Chlorine-caustic: new plant considered	Dec 18	35						
Morley at Houston Society of Financial Analysts: First half indicates '74 earnings will top last year's by 60%	July 31	14						
Texf — Loss for the 4th quarter expected	Sept 25	17						

Phenolic resins and molding material prices	N	July 3	19
Plasticizers prices	N	Aug 7	35
Propionaldehyde plant in Texas City, Tex. will also produce propionic acid	R	July 3	13
Propylene outlook	R	Sept 11	27
Puerto Rican nationalists suspected in N.Y. headquarters bombing	N	Nov 6	23
Purox pyrolysis system for fuel-gas recovery at South Charleston, W. Va., being tested	Dec	11	53
Sales and earnings estimates and projections	Dec	18	20
Sevin capacity at Institute, W. Va. will be raised	N	July 31	9
Soil conditioner for plants is hydrophilic polymer	July	24	22
Tungsten mine in Lincoln County, Nevada	N	Oct 16	13
Tungsten mine and mill to start up in '76	R	Oct 23	28
Uranium Enrichment Associates see under name			
Water & Energy Management System (WEMS) at Ponce, P.R., petrochemical complex described at ISA show	Nov	6	33
Women: CPI firms seek painless path for bringing women into management	Aug	7	15
Union Carbide Canada — Sales and earnings — first-half '74	N	Aug 7	29
Union Carbide Canada — Strike settlement includes cost-of-living provisions	Aug	7	21
Union Pacific RR — Merger with Chicago, Rock Island & Pacific RR faces long haul	Nov	20	22
Unroyalty Dividend	R	July 24	16
Flex-Light photopolymer elastomeric printing plate for flexographic printing	Nov	27	34
United Aircraft — Bidding battle with International Nickel of Canada for control of ESB	July	31	12
Inco wins bidding duel; Justice Dept. investigates	Aug	7	19
United Gas Pipe Line — Natural gas supplies to industrial and power-plant customers cut, because of limited supplies	Oct	16	22
United Nuclear — AEC contract to produce nuclear components at Montville, Conn.	R	Dec 11	15
Uranium concentrates contract	R	Aug 7	19
U.S. Borax — Borax allocations will continue; strike at Boron and Wilmington, Calif. plants aggravates supply bind	N	Aug 14	23
Mine and refinery capacity at Boron, Calif., expansion	N	Nov 20	17
U.S. Paint, Lacquer & Chemical — Urethane coatings in mass transit	Sept	25	26
US Steel — International Paper plans to acquire timberland in Mobile County, Ala.	Sept	25	18
USS Chemicals — Phthalic anhydride expansion at Pittsburgh, Pa.	July	17	17
Universal Cooperative — Alliance, O. headquarters and plant fire	July	24	16
Universal Oil Products — Acquisition of Chemical & Pollution Services	R	Sept 18	24
Chemical Div. contracts to supply specialty chemicals to the U.S.S.R. for use in automobile industry	R	July 31	15
Earnings, second-quarter '74	July	10	15
Hydrometallurgical process that recovers 90% of nickel from oxide and silicate ores developed	Oct	23	57

Minerals science division set up to develop and market a hydrometallurgical nickel recovery method	N	Oct 2	31
Nickel laterite ores processing demonstration plant	R	Oct 16	24
Synthetic crude oil: UOP process to liquefy coal in pilot-plant test	N	Sept 25	39
Technology for Japanese detergent alcohol plant	N	Nov 13	23
Univex — Caprolactam plant in Salamanca, Mexico, expansion	Dec	4	36
Upjohn — Arthritis drug called motrin	Oct	9	48
DES damage suit filed by Detroit-area residents	Sept	25	18
Gilmore Labs makes low-molecular-weight polycarbodiimides, called oligomers, from methylenediphenyl isocyanate	N	Nov 13	39
Honduras: Kaopectate cases donated	Sept 18	63	
Japanese may commercialize new process for making hydroquinone	Oct 9	16	
Synthesis of hydroquinone based on phenol and acetone is said to cut costs, reduce plant effluents, by produce bisphenol A	Dec 11	51	
Tetracycline price fixing case: court clears drug firms	July 3	12	
Uranium Enrichment Associates — Joint venture considers uranium enrichment plant in Alabama July 10-14	R	July 24	16
Proposals to provide expanded uranium enrichment capacity not acceptable to private utilities	July 31	13	
Feasibility of private operation still unclear	N	Aug 14	66
Ureca Corp. — Urethane coatings in mass transit	Sept 25	26	
Utah Coke & Chemical — Coal-derived fossil resins	Oct 9	46	

W

Warner-Lambert — Acquisition of Parke, Davis & Co. not a drug monopoly rules FTC judge	Aug 21	13
Listerine mouthwash TV ads made false claims says FTC judge	Dec 18	21
Weed Eater — Electric lawn trimmer	Sept 4	14
Weldwood Packaged Products — Rubberized waterproof flooring cement	Sept 4	14
WESCO — Licenses Lurgi fixed-bed process	N	Aug 7
Western Nuclear — Tender offer for all shares of Allied Nuclear considered	R	Aug 14
Westinghouse Electric Co. — Brazil's first nuclear power plant, Angra No 1	Nov 27	38
Prototype lamp that produces 60% more light per watt than fluorescent lights	N	July 24
Shelby on reactor marketing	Aug 14	19
Uranium Enrichment Associates see under name		
Uranium enrichment joint venture	July 10-14	
Joint project with Bechtel off	R	July 24
White Martins, S.A. — Industrial gas facilities	Oct 2	13
Whitford Plastics Ltd. — Du Pont charges patent infringement in use of Teflon-like material	R	July 17
Whittaker Corp. — Narmco Materials Div. acquired by Celanese	N	Oct 23
Williams Companies — Agrico Chemical minority stockholders agreed to exchange shares for shares of Williams Companies	R	Aug 7
Agrico Chemical Div.: North Carolina Phosphate Corp. see under name		
Wilson Greatchart Ltd. — Battery research	Aug 28	28
Wilco Chemical — Sales and earnings: second-quarter '74	Aug 7	18
Sulfonation unit planned at Oakville, Ont.	R	July 17
Thioglycolate and thiocyanate capacity expansions	R	Oct 16
Ultra Div. will launch Active, a heavy-duty powder detergent, in New England and Baltimore-Washington markets	N	Oct 30
U.S. Peroxygen Div. expanding organic peroxide capacity in Marshall, Tex.	N	Aug 14
World Southern — General Dynamics acquires Charleston, S.C. facility from Pittsburgh-Des Moines Steel	R	Dec 11
World-Wide Construction Services — VCM emissions: technology being developed to operate new, large reactors from remote, isolated control rooms	Sept 18	71

Y

Yankee Refineries — Entry in the race for a New England refinery	Oct 23	24
Yuba River Lumber — Acquired by Fiberboard	R	Sept 4

Z

Zimmer — Mexican polyester filament yarn plant	R	Aug 14	47
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